



U.S. Department
of Homeland Security
**United States
Coast Guard**

LOCAL NOTICE TO MARINERS

District: 11

Week: 39/15

CORRESPONDENCE TO:
COMMANDER
DISTRICT ELEVEN (DPW)
COAST GUARD ISLAND BUILDING 50-2
ALAMEDA, CA 94501-5100

REFERENCES: COMDTPUB P16502.6, Light List Volume VI, 2015 Edition, U.S. Chart No.1 12th Edition, and Coast Pilot Volume 7 46th Edition. These publications, along with corrections, are available at: <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>.

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated through BNM HB-0015-15, SF-0166-15, LA-0138-15, and SD-0112-15 have been incorporated in this notice, or will continue if still significant.

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway
AI - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - Flashing
G - Green
GIWW - Gulf Intracoastal Waterway
HAZ - Hazard to Navigation
HBR - Harbor
HOR - Horizontal Clearance
HT - Height

I through O

I - Interrupted
ICW - Intracoastal Waterway
IMCH - Improper Characteristic
INL - Inlet
INOP - Not Operating
INT - Intensity
ISL - Islet
Iso - Isophase
kHz - Kilohertz
LAT - Latitude
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LHB - Lighted Horn Buoy
LGB - Lighted Gong Buoy
LONG - Longitude
LNM - Local Notice to Mariners
LT - Light
LT CONT - Light Continuous
LTR - Letter
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MHz - Megahertz
MISS/MSNG - Missing
Mo - Morse Code
MRASS - Marine Radio Activated Sound Signal
MSLD - Misleading
N/C - Not Charted
NGA - National Geospatial-Intelligence Agency
NO/NUM - Number
NOS - National Ocean Service
NW - Notice Writer
OBSCU - Obscured
OBST - Obstruction
OBSTR - Obstruction
Oc - Occulting
ODAS - Anchored Oceanographic Data Buoy

P through Z

PRIV - Private Aid
Q - Quick
R - Red
RACON - Radar Transponder Beacon
Ra ref - Radar reflector
RBN - Radio Beacon
REBUILT - Aid Rebuilt
RECOVERED - Aid Recovered
RED - Red Buoy
REFL - Reflective
RRL - Range Rear Light
RELIGHTED - Aid Relit
RELOC - Relocated
RESET ON STATION - Aid Reset on Station
RFL - Range Front Light
RIV - River
RRASS - Remote Radio Activated Sound Signal
s - seconds
SEC - Section
SHL - Shoaling
si - silent
SIG - Signal
SND - Sound
SPM - Single Point Mooring Buoy
SS - Sound Signal
STA - Station
STRUCT - Structure
St M - Statute Mile
TEMP - Temporary Aid Change
TMK - Topmark
TRLB - Temporarily Replaced by Lighted Buoy
TRLT - Temporarily Replaced by Light
TRUB - Temporarily Replaced by Unlighted Buoy
USACE - Army Corps of Engineers
W - White
Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS

A complete set of guidelines with examples and contact information can be found at <http://www.uscg.mil/D11/DP/LnmRequest.asp> or call BM1 Alfred Albert at 510-437-2980 or e-mail D11LNM@uscg.mil. Please provide all Local Notice to Mariners submissions 14 days prior to the start of operations.

COAST GUARD LIGHT LISTS-CHANGE IN DISTRIBUTION METHOD

Coast Guard Light Lists are a means for communicating aids to navigation information to the maritime public. Effective immediately, the Coast Guard will no longer print hardcopy Light Lists. The last government printed Light Lists were the 2014 editions.

Based on emerging technology and the ability to update Light Lists on a weekly basis, the cost and time for printing the Light List on an annual basis has reached obsolescence. Technology now allows us to provide the Light List in a timelier and less costly manner via the Internet. A Federal Register Notice announcing this change was issued on 1 April 2015. The notice can be viewed at <http://www.gpo.gov/fdsys/pkg/FR-2015-04-01/pdf/2015-07501.pdf>.

Electronic Light Lists are available on the Coast Guard Navigation Center's (NAVCEN) website at <http://www.navcen.uscg.gov/?pageName=lightLists>. Complete versions of the Light Lists are updated weekly on the NAVCEN website at <http://www.navcen.uscg.gov/?pageName=lightListWeeklyUpdates>. Mariners should download applicable copies and updates as needed. Electronic nautical publications are authorized for use on commercial vessels. While the Light Lists will no longer be available in government printed form, commercial reproductions may be available in the future. Local Notices to Mariners will continue to advertise Light List corrections and NAVCEN will continue to publish a compilation of corrections.

LNM: 15/15

SUBMITTING REGULATORY AND CONCURRENT PROJECT INFORMATION

Information or requests regarding regulatory items or concurrent projects should be directed to the U.S. Coast Guard Eleventh District Waterways Management Branch at D11waterways@uscg.mil.

LNM: 11/15

BRIDGE INFORMATION-DISCREPANCIES AND CORRECTIONS

For all bridge related issues, including lighting, operation, obstructions, construction, demolition, etc. contact the Eleventh Coast Guard District Bridge Administrator 24 hour cell phone at 510-219-4366. Flotsam may accumulate on and near bridge piers and abutments. Mariners should approach all bridges with caution. A vessel delay at a drawbridge may be reported to the District Bridge Administrator by telephone, or by using the DelayRept0207.pdf included in the Enclosures section of this Local Notice to Mariners.

AUTOMATIC IDENTIFICATION SYSTEMS-REVISED AIS ENCODING GUIDANCE

U.S. regulations require all Automatic Identification Systems (AIS) to be maintained in effective operating condition, which includes the accurate input and upkeep of all AIS data fields (33 CFR 164.46(d)). The U.S. Coast Guard has developed a Guide, to assist AIS users in performing this task, which provides guidance and examples on how to properly encode each AIS data parameter. See the AIS_Encoding_Guidance.pdf in the enclosure section for more detailed information. The enclosed guide is also available on the U.S. Coast Guard Navigation Center website at <http://www.navcen.uscg.gov/AIS>.

LNM: 29/15

MARINE SAFETY INFORMATION BULLETIN

Some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa, and Santa Cruz Islands (referenced herein as "south of the Channel Islands"). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach. Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised that the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so. For additional information please see MSIB Voluntary Traffic Lane 11-09.pdf in the Enclosures Section.

LNM: 43/09

MARINE SAFETY INFORMATION BULLETIN

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity work-lights used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation

lights at night and in low visibility conditions. A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. For additional information please see CFV Work lights MSIB.pdf in the Enclosures Section.

LNM: 34/15

REDUCED COVERAGE OF NATIONWIDE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (NDGPS)

The U.S. Coast Guard, the U.S. Army Corps of Engineers (USACE), and the U.S. Department of Transportation (DOT) seek comment on a proposal to reduce coverage provided by the Nationwide Differential Global Positioning System (NDGPS). The proposal calls for the shutdown and decommissioning of 62 DGPS sites, leaving 22 operational sites available to users in coastal areas. Termination of the NDGPS broadcast at these sites is planned to occur on January 15, 2016. Comments must be received by November 16, 2015. The full notice and directions on submitting comments can be found via this link: <https://www.federalregister.gov/articles/2015/08/18/2015-20401/nationwide-differential-global-positioning-system-ndgps>.

LNM: 33/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

NOAA Sanctuaries request a voluntary Vessel Speed Reduction from 01 May 15 through 30 Nov 15 within the SF TSS. Vessels 300 gross registered tons or larger transiting the Offshore San Francisco Traffic Separation Scheme (33 CFR 167.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). See SpeedReductionZone.pdf in the enclosures section for a charted diagram of the specified areas.

Chart 18645

LNM: 17/15

U.S. COAST GUARD NAVIGATION RULES

Changes to the U.S. Coast Guard August 2014 Navigation Rules and Regulations Handbook are now available. See NAVRULESCorrectionsLNM.pdf in the enclosure section for more details.

LNM: 39/15

USCG NATION-WIDE AUTOMATIC IDENTIFICATION SYSTEM (NAIS) NETWORK TESTING

On August 10, 2015, the U.S. Coast Guard began AIS Application Specific Message (AIS-ASM) testing. The test transmissions occur between 0001-2359Z, 7 days/week. The test messages can be identified by their Maritime Mobile Service (MMSI) number: 300669139 or 00366613 and by the words "USCG TEST" within the contents of the message. Mariners are requested to contact the USCG Navigation Center at 1-703-313-5900 or TIS-PF-NISWS@uscg.mil with any questions, comments, or to report any safety and/or operational impacts caused by this testing.

Application Specific Messages to be tested include: messages 6, 8, 25, and 26, DAC=367, FI's=22, 29, 33, 35; AIS Safety Related Text (SRM) messages: 8 (DAC=001, FI=0) and 14. The messages will be of various lengths, using repetitions of the text "USCG TEST". For further information on AIS messages, DACs, and FI's visit <http://www.navcen.uscg.gov/?pageName=AIMessages>

LNM: 31/15

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1	Dart Tsunami Warning Lighted Buoy	OFF STA	18022	SD-0103-15	37/15	
	Station 46412					
5	Point Loma Light	REDUCED INT	18773		52/14	
365	Mile Rocks Light	LT EXT	18649	0585-13	52/13	
365	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14	
510	NOAA Environmental Lighted Buoy	ADRIFT	501	0013-13	02/13	
	46006					
1500	San Diego Bay Entrance Range Front	DAYMK DMGD	18773	SD-0062-15	24/15	
	Light					
2805	Anaheim Bay East Jetty Light 6	TRLB/STRUCT DEST	18749	LA-0108-14	35/14	
3145	Los Angeles Main Channel Light 12	SS IMCH	18751	LA-0137-15	39/15	

4245	Mile Rocks Light	LT EXT	18649	0585-13	52/13
4245	Mile Rocks Light	SS INOP	18649	SF-0096-14	25/14
5180	Redwood Creek Entrance Light 2	TRLB/STRUCT DEST	18652	SF-0153-15	34/15
6165	Napa River Light 8	MISSING/TRLB	18654	SF-0123-14	34/14
6325	Suisun Bay North Channel Light 2	TRLB/STRUCT DMGD	18657	SF-0004-14	01/14
6557	Suisun Bay Channel Light 24A	TRLB/STRUCT DEST	18666	0389-13	35/13
6630	New York Slough Light 7	TRLB/STRUCT DMGD	18659	0468-13	42/13
6645	New York Slough Light 11	TRLB/STRUCT DEST	18659	SF-0014-14	02/14
6760	San Joaquin River Light 25	TRLB/STRUCT DMGD	18660	SF-0083-15	21/15
6855	San Joaquin River Light 46	TRLB/STRUCT DMGD	18660	0351-13	32/13
6865	San Joaquin River Light 47	TRLB/STRUCT DEST	18660	SF-0113-15	26/15
7510	Sacramento River Deep Water Ship Channel Light 67	TRLB/DAYMK MISSING	18662	0565-13	50/13
7885	Bodega Harbor Channel Daybeacon 22	TRUB/STRUCT DEST	18643	0669-12	01/13
8320	Hookton Channel Light 8	TRLB/STRUCT DEST	18622	HB-0036-14	47/14
8415	Lake Tahoe Lighted Danger Buoy B	LT EXT	18665	SF-0157-15	36/15

DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
4401	Richardson Bay Daybeacon 8	DAYMK IMCH	18653	SF-0125-15	29/15	
4411	Richardson Bay Daybeacon 20	DAYMK IMCH	18649	SF-0126-15	29/15	
5518.2	Paradise Cay Light 3	LT EXT	18653		39/15	

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
5156	San Mateo-Hayward Bridge Racon M	WATCHING PROPERLY	18653	SF-0164-15	37/15	39/15

PLATFORM DISCREPANCIES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
296	NOAA Environmental Lighted Buoy 46044	DISCONTINUED	18680	SF-0068-15	18/15	
382	NOAA Environmental Lighted Buoy 46059	DISCONTINUED	18007		22/12	
448	Dart Tsunami Warning Lighted Buoy Station 46411	DISCONTINUED	18010	HB-0001-15	01/15	
562	NOAA Environmental Lighted Buoy 46027	DISCONTINUED	18603	HB-0038-14	50/14	
2289.3	Scripps Del Mar Lighted Research Buoy	DISCONTINUED	18765	NONE	17/15	

3420	Hyperion Lighted Gong Buoy 10 ES	TRUB	18744	LA-0106-15	30/15
3425	Hyperion Outfall Buoy 12ES	TRUB	18744	LA-0132-15	37/15

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR

(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3

Green can

Corrective Action

Object of Corrective Action

CGD01
at 40-41-09.001N 074-02-48.001W

Position

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

50	8th Ed.	01-JUL-15	Last LNM: 39/15	NAD 83		39/15
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Chart Title: North Pacific Ocean (eastern part) Bering Sea Continuation

Main Panel 2400 NORTH PACIFIC OCEAN EASTERN PART. Page/Side: A

(Temp)	ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11 34-12-36.000N	119-19-24.000W
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501	13th Ed.	01-JUN-09	Last LNM: 39/15	NAD 83		39/15
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Chart Title: North Pacific Ocean West Coast Of North America Mexican Border To Dixon Entrance

Main Panel 1650 MEXICAN BORDER TO DIXON ENTRANCE. Page/Side: N/A

(Temp)	ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11 34-12-36.000N	119-19-24.000W
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530	34th Ed.	01-JUL-15	Last LNM: 39/15	NAD 83		39/15
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Chart Title: North America West Coast San Diego to Aleutian Islands and Hawaiian Islands

Main Panel 2405 SAN DIEGO TO ALEUTIAN ISLANDS AND HAWAIIAN ISLANDS. Page/Side: A

(Temp)	ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11 34-12-36.000N	119-19-24.000W
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18007	33rd Ed.	01-FEB-09	Last LNM: 39/15	NAD 83		39/15
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ChartTitle: **San Francisco to Cape Flattery**

Main Panel 1652 SAN FRANCISCO TO CAPE FLATTERY. Page/Side: N/A

CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (See note K)	CGD11 at 37-48-56.120N	122-31-46.266W
ADD	NOTE K MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the mic 5 times on VHF-FM Ch 81A- horn will operate for thirty minutes.	CGD11 37-35-00.000N	120-40-00.000W

18010 22nd Ed. 01-SEP-12 Last LNM: 34/13 NAD 83 39/15

ChartTitle: **Monterey Bay to Coos Bay**

Main Panel 1653 MONTEREY BAY TO COOS BAY. Page/Side: N/A

CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (See note K)	CGD11 at 37-48-56.120N	122-31-46.266W
ADD	NOTE K MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the mic 5 times on VHF-FM Ch 81A- horn will operate for thirty minutes.	CGD11 38-37-00.000N	121-02-00.000W

18020 39th Ed. 01-JAN-12 Last LNM: 12/10 NAD 83 39/15

ChartTitle: **San Diego to Cape Mendocino**

Main Panel 1654 SAN DIEGO TO CAPE MENDOCINO. Page/Side: N/A

CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (see note M)	CGD11 at 37-48-56.120N	122-31-46.266W
(Temp) ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11 34-12-36.000N	119-19-24.000W

18022 36th Ed. 01-JUN-11 Last LNM: 12/10 NAD 83 39/15

ChartTitle: **San Diego to San Francisco Bay**

Main Panel 1655 SAN DIEGO TO SAN FRANCISCO BAY. Page/Side: N/A

(Temp) ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11 34-12-36.000N	119-19-24.000W
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18602 13th Ed. 01-FEB-12 Last LNM: 23/15 NAD 83 39/15

ChartTitle: **Pyramid Point to Cape Sebastian;Chetco Cove;Hunters Cove**

Inset 1932 CHETCO COVE. Page/Side: N/A

DELETE	Channel label; ENTRANCE & BARGE TURNING BASIN (NOS NW-25178)	NOS 42-02-43.530N	124-16-12.830W
DELETE	Label; (see tabulation) (NOS NW-25178)	NOS 42-02-54.610N	124-16-07.570W
DELETE	Sounding in Fathoms & Fractions; 1 3/4 fm (NOS NW-25178)	NOS 42-02-49.560N	124-16-03.630W
DELETE	Sounding in Fathoms & Fractions; 2 1/4 (NOS NW-25178)	NOS 42-02-51.460N	124-16-05.970W
CHANGE	tabulation - CHETCO RIVER CHANNEL DEPTHS http://ocsddata.ncd.noaa.gov/ntm/SupportImage.aspx?ItemID=258817 ; tabulation - CHETCO RIVER CHANNEL DEPTHS (NOS NW-25177)	NOS 42-02-55.000N	124-16-53.000W
ADD	Channel label; BARGE TURNING BASIN (NOS NW-25178)	NOS 42-02-54.870N	124-16-07.620W
ADD	Channel label; COMMERCIAL ACCESS CHANNEL and magenta arrow (NOS NW-25178)	NOS 42-02-51.070N	124-15-58.610W
ADD	Channel label; ENTRANCE (NOS NW-25178)	NOS 42-02-39.870N	124-16-15.620W
ADD	Channel reach separation line Y PT 1 OF 2; (NOS NW-25178)	NOS 42-02-50.660N	124-16-08.020W
ADD	Channel reach separation line Y PT 2 OF 2; (NOS NW-25178)	NOS 42-02-52.500N	124-16-05.210W

ADD	Channel reach separation line Z PT 1 OF 2; (NOS NW-25178)	NOS 42-02-50.670N	124-16-04.970W
ADD	Channel reach separation line Z PT 2 OF 2; (NOS NW-25178)	NOS 42-02-51.170N	124-16-03.810W
18620	24th Ed. 01-FEB-12 Last LNM: 49/08 NAD 83		39/15
<i>ChartTitle: Point Arena to Trinidad Head;Rockport Landing;Shelter Cove</i>			
Main Panel 1806 POINT ARENA TO TRINIDAD HEAD. Page/Side: N/A			
ADD	Humboldt Bay Mooring Buoy HB CG "HB" (Refer to Chart 1 Q40)	CGD11 at 40-46-23.760N	124-12-24.960W
18622	55th Ed. 01-JUN-10 Last LNM: 47/08 NAD 83		39/15
<i>ChartTitle: Humboldt Bay</i>			
Main Panel 1809 HUMBOLDT BAY. Page/Side: N/A			
ADD	Humboldt Bay Mooring Buoy HB CG "HB" (Refer to Chart 1 Q40)	CGD11 at 40-46-23.760N	124-12-24.960W
18640	26th Ed. 01-MAY-13 Last LNM: 04/12 NAD 83		39/15
<i>ChartTitle: San Francisco to Point Arena</i>			
Main Panel 1816 SAN FRANCISCO TO POINT ARENA. Page/Side: N/A			
CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (See note K)	CGD11 at 37-48-56.120N	122-31-46.266W
ADD	NOTE K MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the mic 5 times on VHF-FM Ch 81A- horn will operate for thirty minutes.	CGD11 38-29-00.000N	122-41-00.000W
18645	28th Ed. 01-MAY-13 Last LNM: 04/12 NAD 83		39/15
<i>ChartTitle: Gulf of the Farallones;Southeast Farallon</i>			
Main Panel 1819 GULF OF THE FARALLONES. Page/Side: N/A			
CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (See note K)	CGD11 at 37-48-56.120N	122-31-46.266W
ADD	NOTE K MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the mic 5 times on VHF-FM Ch 81A- horn will operate for thirty minutes.	CGD11 37-32-00.000N	122-26-00.000W
18652	36th Ed. 01-FEB-11 Last LNM: 32/14 NAD 83		39/15
<i>ChartTitle: San Francisco Bay to Antioch</i>			
Main Panel 1828 SAN FRANCISCO BAY TO ANTIOCH. Page/Side: a			
CHANGE	Point Bonita Light Characterisitic to Oc 4s 124ft 18M HORN MRASS (see note K)	CGD11 at 37-48-56.120N	122-31-46.266W
ADD	NOTE K MARINER ACTIVATED SOUND SIGNAL (MRASS) Horn is activated by keying the mic 5 times on VHF-FM Ch 81A- horn will operate for thirty minutes.	CGD11 37-34-00.000N	122-24-00.000W
18680	32nd Ed. 01-MAY-13 Last LNM: 11/12 NAD 83		39/15
<i>ChartTitle: Point Sur to San Francisco</i>			
Main Panel 1866 POINT SUR TO SAN FRANCISCO. Page/Side: N/A			
CHANGE	Point Bonita Light Characteristic to Oc 4s 124ft 18M HORN MRASS (See note K)	CGD11 at 37-48-56.120N	122-31-46.266W

ADD	NOTE K	CGD11	
	MARINER ACTIVATED SOUND SIGNAL (MRASS)	37-13-00.000N	122-01-00.000W
	Horn is activated by keying the mic 5 times on		
	VHF-FM Ch 81A- horn will operate for thirty minutes.		

18687 13th Ed. 01-NOV-02 Last LNM: 20/09 NAD 83 39/15
ChartTitle: Lake Mead

Main Panel 1873 LAKE MEAD SIDE A. Page/Side: A

RELOCATE	Lake Mead Boulder Canyon Light 18	CGD11	
		from 36-09-05.000N	114-34-17.000W
		to 36-09-03.000N	114-34-10.000W

18720 34th Ed. 01-JUL-13 Last LNM: 08/12 NAD 83 39/15
ChartTitle: Point Dume to Purisma Point

Main Panel 1880 POINT DUME TO PURISIMA POINT. Page/Side: N/A

(Temp)	ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11	
			34-12-36.000N	119-19-24.000W

18725 30th Ed. 01-JUN-13 Last LNM: 20/09 NAD 83 39/15
ChartTitle: Port Hueneme to Santa Barbara;Santa Barbara;Channel Islands Harbor and Port Hueneme;Ventura

Main Panel 1884 PORT HUENEME TO SANTA BARBARA. Page/Side: N/A

(Temp)	ADD	Wreck PA, depth unknown (Ref: Chart No.1, K-28)	CGD11	
			34-12-36.000N	119-19-24.000W

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

Advance Notice(s)

CALIFORNIA-AIS UPGRADE

The U.S. Coast Guard is planning to add a Synthetic AIS (Automatic Identification System) identifier during the week of 5 Oct 15 to the following aids:

Humboldt Bay Entrance Lighted Whistle Buoy HB (LLNR 490/8130)
 Long Beach Channel Approach Lighted Whistle Buoy LB (LLNR 3010)
 Morro Bay Approach Lighted Whistle Buoy MB (LLNR 3840)

A Synthetic AIS message will not replace the physical buoy but will be broadcasted from an AIS Base Station to coincide with the existing physical aid to navigation. Vessels with AIS capable systems will be able to see the symbology and other information on their displays. For more information about AIS, Mariners can go to the U.S. Coast Guard Navigation Center website page <http://www.navcen.uscg.gov/?pageName=AISmain>.

LNM: 36/15

NORTHERN CALIFORNIA-FLEET WEEK-SAN FRANCISCO BAY

The Coast Guard will temporarily establish eight buoys to assist in the enforcement of the 2015 Fleet Week Safety Zone. The buoys will be discontinued on 12 Oct 15.

The security zone boundaries and center point will be established on 07 Oct 15, lighted at night and located in the following positions:

South West(SW) LB: 37-48-36.720N 122-26-47.160W- FL Yellow 2.5s
 North West(NW) LB: 37-49-06.780N 122-26-52.080W- FL Yellow 2.5s
 North East(NE) LB: 37-49-23.340N 122-24-21.240W- FL Yellow 2.5s
 South East(SE) LB: 37-48-53.280N 122-24-16.320W- FL Yellow 2.5s
 Center Lighted Buoy: 37-49-00.480N 122-25-35.400W- FL Q(Y)

The Coast Guard will also temporarily establish three yellow buoys on 08 Oct 15 marking the traffic lane approximately 75yds south of the Safety Zone.

Traffic Lane West Buoy: 37-48-34.920N 122-26-46.932W
 Traffic Lane Middle Buoy: 37-48-39.000N 122-26-27.600W
 Traffic Lane East Buoy: 37-48-43.200N 122-25-29.160W

Please submit any questions or comments to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.stenkamp@uscg.mil.

Charts: 18649 18650 18652

LNM: 35/15

POINT ARENA-LED CONVERSION

The U.S. Coast Guard is planning to change Point Arena Light (LLNR 420) to an LED with a 14nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 501 530 18007 18010 18620 18640

LNM: 03/15

SACRAMENTO RIVER-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Sacramento River Deep Water Ship Channel Light 67 (LLNR 7510). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18662

LNM: 33/14

SAN DIEGO-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) devices on Ballast Point Light B (LLNR 1570), San Diego Bay Entrance Range Front Light (LLNR 1500) and San Diego Bay Pier B Sound Signal (LLNR 1800). This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A) during the week of 05 Oct 15. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18765 18772 18773

LNM: 03/15

SAN FRANCISCO BAY-CARQUINEZ STRAIGHT-ATON DISCONTINUANCE

The U.S. Coast Guard is planning to discontinue Carquinez Light 22 (LLNR 6235). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18652 18656 18657

LNM: 09/15

SAN FRANCISCO BAY-LED CONVERSION

The U.S. Coast Guard is planning to change San Francisco Approach Lighted Whistle Buoy SF (LLNR 360) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18007 18020 18022 18640 18645 18649

LNM: 07/15

SAN FRANCISCO BAY-MARINER RADIO ACTIVATED SOUND SIGNALS

The U.S. Coast Guard is planning to install a Mariner Radio Activated Sound Signal (MRASS) devices on Point Bonita Light (LLNR 370) and Alcatraz North Fog Signal (LLNR 4325) during the week of 28 Sept 15. This device will allow the mariner to activate the installed sound signal by keying on a VHF-FM radio microphone five times at the designated frequency for the AtoN (81A). Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18007 18010 18020 18640 18645 18649 18650 18652 18680

LNM: 03/15

SAN FRANCISCO-LED CONVERSION

The U.S. Coast Guard is planning to change San Francisco Bay North Channel Lighted Buoy A (LLNR 5410) to an LED with a 4nm range. Advanced notice of implementation will be provided once scheduled. Direct any questions to LTJG Leslie Stenkamp at 510-437-5984 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652

LNM: 13/15

SAN JOAQUIN RIVER-AID ESTABLISHMENT

The U.S. Coast Guard is planning to permanently establish a lighted buoy on the east side of San Joaquin River across from San Joaquin River Light 56 (LLNR 6890). This aid will be established at approximate position: 38-04-07.54N 121-33-31.76W. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18660 18661

LNM: 16/15

SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			
<u>Proposed Change Notice(s)</u>			

LA/LB-LED CONVERSION

The U.S. Coast Guard is proposing to permanently change Point Vicente Light (LLNR 170) to an LED with a 14nm range. Direct any questions, comments, or feedback no later than 29 Sep 15 to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18020 18022 18740 18746

LNLM: 34/15

SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

CALIFORNIA COAST-WHALES

NOAA is asking for the public's help in tracking whales. If you see whales, record the date and location, number of whales, species (if known) and a description of the animals. Please email the information to whales@noaa.gov.

Please report collisions with whales, any observed injured whales, or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan. 16.

Whales are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

Charts: 18007 18022

LNLM: 49/14

CHANNEL ISLANDS-SANTA CRUZ BASIN-UNDERWATER OPERATIONS

The M/V INDEPENDENCE will be conducting underwater operations until 22 Oct 15, in an area bound by the following coordinates:

33-48-00N 119-24-00W

33-46-00N 119-24-00W

33-46-00N 119-21-30W

33-48-00N 119-21-30W

The M/V INDEPENDENCE will be monitoring VHF Chan. 16. Mariners are requested to transit the area with caution and maintain a minimum safe distance of 1nm. For further comments or details contact Tim Minniear at 805-644-2191.

Chart 18720

LNLM: 37/15

DELTA & RIVERS-DELTA CROSS CHANNEL-CHINOOK SALMON CAPTURE AND MONITORING OPERATIONS

The Bureau of Reclamation will be conducting fall-run Chinook salmon capture, tagging, and monitoring device installations Mon-Fri, until 13 Nov 15 in the vicinity of Delta Cross Channel and Deadhorse Island. There will be 11 acoustic telemetry devices and four biosonic DTX hydroacoustic stations installed. Two fyke nets and trammel nets will be fished couple times a week during this time frame and will be marked by floating buoys. For more details or comments contact Zachary Sutphin at 303-328-8597.

Charts: 18661 18662

LNLM: 34/15

DELTA & RIVERS-DISCOVERY BAY-WERNER DREDGER CUT-BRIDGE

ORWOOD RD BRIDGE REPLACEMENT- A temporary trestle between the existing bridge and the pipeline bridge had been erected to facilitate construction of the replacement bridge. A temporary orange boom has been placed on the south side of the existing bridge to the north side of the EBMUD pipeline bridge. The piers of the pipeline bridge and the piers of the existing Orwood Rd Bridge will be lighted at night with fixed red lights (see Orwood_Lighting_Diagram.pdf in enclosure section). A 17ft wide navigation channel has been established on the eastern portion of the project site for the transit of vessels. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18661

LNLM: 25/15

DELTA & RIVERS-NOYO RIVER-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Noyo Harbor Mooring Basin until 15 Oct 15. Dredged material will be disposed of to a designated upland placement site(see Noyo_Harbor_Dredging.pdf in enclosure section). Camenzind Dredging will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Dutra Site Project Manager, Albert Greniuk at 757-328-5866.

Chart 18626

LNLM: 37/15

DELTA & RIVERS-OLD RIVER-CONSTRUCTION

The California Department of Fish and Wildlife is installing a rock barrier in Old River near the confluence with the San Joaquin River at 37-48-30N 121-19-42W. The rock barrier will be equipped with eight culverts with sliding gates on the upstream side and a small notch for the salmon passage. The barrier will remain in place until late October 2015. Mariners are advised to transit the area with caution. For more details or comments contact Jacob McQuirk at 916-653-9883.

Chart 18661

LNLM: 36/15

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

TOWER DRAWBRIDGE- The drawspan will be secured in the closed-to-navigation position from 1100-1300, 03 Oct 15, and from 0730-1000, 04 Oct 15, due to the 5K Walk to Defeat ALS and the Urban Cow Half Marathon, respectively. In the event of an emergency, the drawspan can be operated normally. The bridge provides 30ft vertical clearance above mean high water when closed. Vessels that can transit under the bridge while in the closed position may continue to do so at any time. For more details or comments contact the Coast Guard Project Manager at 510-437-3461.

DELTA & RIVERS-SACRAMENTO RIVER-BRIDGE

Chart 18664

LNM: 38/15

DELTA & RIVERS-SACRAMENTO RIVER-DREDGING

Ross Island Sand & Gravel Co. will conduct maintenance dredging operations in Sacramento River Deep Water Channel until 20 Oct 15. The submerged dredge pipe will come ashore at the Sandy Beach Dredge Material Placement Site south of Sandy Beach State Park in Rio Vista. Vessel DREDGE 8 will be dredging in the vicinity of Rio Vista at 38-10-03 N 121-40-43 W and 38-06-48 N 121-42-24 W and will be monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Rod Oliva at 503-349-7436.

Chart 18661

LNM: 39/15

DELTA & RIVERS-SACRAMENTO RIVER-ISLETON-DREDGING

Aquatic Environments will be conducting dredging operations in the vicinity of Vieira's Resort (also known as Ida Island) and Long Island Property Owner's Association approximately 1nm south of the Isleton bridge until 31 Oct 15. Ellicott dredge KATHLEEN ROSE, a push tug, and a work boat will be on site monitoring VHF-FM Chan. 09 and 16. Mariners are requested to transit the area with caution. For more details or comments contact Project Manager Jeff McCormick at 925-765-1494.

Chart 18661

LNM: 29/15

DELTA & RIVERS-SAN JOAQUIN RIVER-CONSTRUCTION

Dutra Construction will be removing the existing stone barrier and the 40ft sheet pile extending into the channel from both banks of West False River between Jersey and Bradford Island. Work will be conducted for 24 hours a day until 25 Nov 15. Tugs and barges will be transiting through Three Mile Slough Bridge at all hours heading to and from Dutra Rio Vista. Crane Barges CB 8, DB 3, and CB 1; along with six flat deck barges and assorted smaller work boats will be on site monitoring VHF Chan. 16 and 07A. Floating caution signs will be deployed and construction signs will be placed both upstream and downstream of the construction area. Mariners are advised that this waterway will be blocked by the construction activity. For more details or comments contact Todd Bruce at 415-258-6876. For a detailed diagram of the rock barrier and associated sheet pile being removed, see False_River_Barrier.pdf in the enclosure section.

Chart 18660

LNM: 34/15

DELTA & RIVERS-SNODGRASS SLOUGH-BRIDGE

TWIN CITIES ROAD DRAWBRIDGE- Secured closed-to-navigation due to damage from land traffic. The bridge provides approximately 17ft vertical clearance above mean high water when closed. ETR is unknown. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18662

LNM: 22/15

DELTA & RIVERS-STOCKTON-DREDGING

Pierside dredging will be conducted in the Port of Stockton at 37-57-25N 121-21-30W 24 hours daily until 11 Nov 15. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18663

LNM: 34/15

ESTERO BAY-CAYUCOS-MARINE CONSTRUCTION

Associated Pacific Constructors Inc. will conduct marine construction at the Cayucos Pier in Cayucos, CA until December 2015. The project will consist of rehabilitation of the pier pilings, bracing, and decking. Mariners are requested to transit the area with caution. For more details or comments contact Mark Niggle at 805-234-2925.

Chart 18703

LNM: 39/14

LOMPOC-RESEARCH BUOYS

Scripps Institution of Oceanography has deployed two miniature research buoys in the vicinity of Vandenberg Air Force Base at the following positions:

34-52-53.2N 120-39-35.7W - Yellow - 24 inch diameter - FLY 4s

34-52-43.9N 120-39-24.6W - Orange - 15 inch diameter

The buoys will be discontinued on or around 30 Sep 15. For more details or comments contact Scripps Tony DePaolo at tdepaol@ucsd.edu.

Chart 18721

LNM: 24/15

LONG BEACH-ANAHEIM BAY-TEMPORARY BUOY

The U.S. Coast Guard has established a temporary lighted buoy at 33-43-33.809N 118-06-02.318W to mark the end of the damaged Anaheim Bay East Jetty. The buoy displays a FL Red 2.5s characteristic. It will be discontinued when Anaheim Bay East Jetty Light 6 (LLNR 2805) is reestablished. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Chart 18749

LNM: 48/14

LONG BEACH-HERMOSA BEACH-SURVEY OPERATIONS

EGS Americas Inc will be conducting a cable route survey off of Hermosa Beach, CA until 05 Oct 15. The survey area extends from the shoreline and encompasses an area bounded by the following coordinates:

33-52-19N 118-24-19W

33-50-25N 118-33-37W

Survey vessel JAB will be towing a subsea sonar device 500 meters behind the vessel. Survey vessel JAB will monitor VHF-FM Chan. 16 while conducting survey operations. For more details or comments contact Eric Roach of EGS Americas Inc at 772-341-9286 or eroach@egsamericas.com.

Chart 18748

LNM: 36/15

LONG BEACH-MIDDLE HARBOR-DEMOLITION

As part of the Middle Harbor Pier E Slip 1 Fill and D28 Demolition project, Manson Connolly Joint Venture (MCJV) has constructed an underwater containment dike in the East Basin of Middle Harbor at the Port of Long Beach. This dike is marked by two 5ft diameter yellow buoys placed approximately 200ft off of the centerline of the dike in 42.5ft of water. The dike will remain in place until further notice. See Long Beach Containment Dike.pdf in the enclosures section for a detailed diagram of dike layout. For more details or comments contact Project Manager Randy Maddox at 206-303-7186.

Chart 18751

LNM: 40/14

LONG BEACH-PIPELINE MAINTENANCE

Aqueos Corporation will be conducting underwater pipeline maintenance until 10 Oct 15 off of Long Beach. The operation will be surface gas diving and setting temporary mooring buoys in the following positions:

33-35-07N 118-07-41W

33-35-01N 118-07-53W

The M/V DANNY C will monitor VHF-FM Chan. 16 and via cell at 805-895-9005. Mariners are requested to transit the area with caution. For more details or comments contact Jason Smith at 805-205-3156.

Chart 18746

LNM: 38/15

LOWER COLORADO RIVER-LAKE HAVASU-MARINE EVENT

Lucas Oil Drag Boat Racing Series is sponsoring a drag boat racing event from 0700-1900 on 02-04 Oct 15 in the navigable waters of Thompson Bay in Lake Havasu City, AZ. Portions of the bay will be closed to the public for this event. The sponsor will assist mariners with navigation around and through Thompson Bay by providing safety escort vessels during non-racing times. Mariners are requested to avoid the race course and transit the nearby area with caution. For more details or comments contact Mr. Ken Dollar at 951-870-6381.

LNM: 38/15

MARINA DEL REY-MARINE CONSTRUCTION

Bellingham Marine Industries will be conducting marine construction activities within Basin G, Parcel 47 and 44, and Parcel 55 until 01 Jun 16. Project work will consist of pile driving and floating dock installation. Dock sections and piles will be transported to Basin G from the Marina del Rey Boat Launch Facility. A John S. Meek Barge will be on scene monitoring VHF-FM Chan 16. Mariners are requested to transit the area with caution. For more details or comments contact Mark Secrest at 360-904-0535.

Chart 18748

LNM: 32/15

MONTEREY BAY-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a near shore geophysical survey off of Santa Cruz to Moss Landing until 02 Oct 15. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 6.5nm from shore to document the effects of large wave events on seafloor morphology. For more details or comments contact George Tate at 831-460-7484.

Chart 18685

LNM: 38/15

MONTEREY BAY-MOSS LANDING-ROV OPERATIONS

The Monterey Bay Aquarium Research Institute (MBARI) will conduct continuous, unmanned maritime vehicle data collection operations off of Moss Landing until 22 Oct 15 between 36-33-00N 122-42-00W and 37-12-00N 122-42-00W. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 6.5ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact MBARI at 831-775-1700 / wavglider@listserver.mbari.org or Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574 / 408-636-4205.

Chart 18685

LNM: 38/15

MONTEREY BAY-WATER QUALITY SURVEY

Kinnetic Laboratories in conjunction with Central Coast Long-term Environmental Assessment Network (CCLEAN) has deployed two water-quality samplers in Monterey Bay at 36-53-20N 121-55-30W and 36-42-40N 121-54-40W 1m below the surface until 31 Oct 15. The samplers are 1 meter below the surface and are marked by white buoys, with two horizontal orange stripes. Mariners are requested to transit the area with caution and remain 400ft away from the buoys. For more details or comments contact Greg Cotten at 831-457-6192 or Jon Toal at 831-457-3950.

Chart 18685

LNM: 38/15

NORTHERN CALIFORNIA-LAKE TAHOE LOW WATER LEVEL

Drought conditions have resulted in unusually low water levels on Lake Tahoe. All mariners transiting upon Lake Tahoe are advised to use extreme caution while navigating within a half nautical mile of shore and near any charted hazards.

Chart 18665

LNM: 25/15

PETALUMA RIVER-BRIDGE

HAYSTACK LANDING RAILROAD BRIDGE REPLACEMENT PROJECT- Construction continues on the replacement bridge project. The drawspan will be periodically secured in the closed-to-navigation position during daylight hours from 0600 to 1800 until 19 Oct 15 due to bridge replacement construction. The bridge will be secured in the closed to navigation position for construction during daylight hours and will require four hours advance notice for bridge openings for commercial vessels moving on the tide. Scheduled 30-minute bridge openings will be provided at midday for the passage of accumulated small vessels. The bridge will be secured in the open-to-navigation position nights and weekends when no work is in progress. For more details or comments contact the Coast Guard Project Manager at 510-437-3515. For more information regarding the scheduled

PETALUMA RIVER-BRIDGE

30-minute bridge openings contact Shimmick Construction at 510-393-0308.

Chart 18654

LNM: 32/15

PETALUMA RIVER-BRIDGE

U.S. 101 BRIDGE REPLACEMENT PROJECT- Temporary cofferdams will be installed around the being-replaced bridge to facilitate the removal of the piers. The temporary cofferdams will protrude into the channel approximately 4ft on each side reducing the horizontal clearance down to 92ft. The corners of the temporary cofferdams will be lighted at night with steady burning reds lights. Heavy equipment tires will be attached to the cofferdams to act as fendering. (See enclosure PetalumaPierCofferdam2 at the end of this notice). Construction of the replacement bridge and demolition of the being-replaced bridge continues Mon-Fri during daylight hours, and should be completed by February 2016. Caltrans has installed cofferdams behind the existing pier protection to facilitate substructure construction. The southeast cofferdam encroaches approximately 1ft into the navigation channel. The southeast and northwest cofferdams protrude upstream and downstream of the existing pier protection and the corners are lighted at night with fixed red lights (see enclosure CofferdamLighting_US101_Petaluma.pdf at the end of this notice). For more details or comments please contact the Coast Guard Project Manager at 510-437-3515.

Chart 18654

LNM: 26/13

POINT ARGUELLO TO DANA POINT-WHALES

NOAA recommends vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from May through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales which are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.). See Whale_Advisory_Zone.pdf in the enclosure section for more details.

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel traffic separation scheme in the area between Point Conception and San Pedro Point, Santa Cruz Island do so at speeds not in excess of 10 knots due to endangered whales in this area.

Additional information can be found at: http://channelislands.noaa.gov/management/resource/ship_strikes.html

NOAA is asking for the public's help in tracking whales. If you see whales, please record the date and location, the number of whales, the species (if known) and a description of the animals. Please email to whales@noaa.gov. Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF-FM Chan.16.

Chart 18741

LNM: 20/15

PORTS OF LOS ANGELES/LONG BEACH-CERRITOS CHANNEL-BRIDGE

REPLACEMENT SCHUYLER HEIM BRIDGE CONSTRUCTION- The temporary falsework has been removed from the completed northbound portion of the replacement bridge. The two temporary eastern trestles remain in place. The main navigation span of the bridge, between the temporary trestles, provides 48.5ft of vertical clearance from the edge of the trestles to the lowest hittable part of the bridge and 75ft of horizontal clearance. The temporary trestles are lighted at night with fixed red lights (See Heim_Bridge_Replace_Project_Encl.pdf at the end of this notice). Portions of the eastern fenders on the existing bridge have been removed. The western portions of the fenders remain in place. Construction activities will take place from 0700 to 1530, Mon-Fri until May 2017. For conditions at the bridge mariners can contact Caltrans at 213-792-5518, MCM Construction at 714-305-2725, or MCM Construction at 714-330-5370. Mariners are requested to transit the area with caution.

The Coast Guard is reviewing a request from the California Department of Transportation to extend the time to complete the construction of the replacement Commodore Schuyler Heim Bridge and the demolition of the existing bridge, mile 4.9, at the Ports of Los Angeles and Long Beach, Los Angeles County, California.

Chart 18749

LNM: 10/15

SAN DIEGO BAY-BRIDGE

CORONADO BRIDGE- Scaffolding installed at Span 14-15, west of the west main navigational channel, reduces the vertical clearance by not more than 9ft and is lighted at night with red lights. For more details or comments contact the Coast Guard Project Manager at 510-437-3515

Chart 18773

LNM: 21/14

SAN DIEGO BAY-SHIPYARD SEDIMENT SITE-DREDGING

R. E. Staite Engineering Inc. will be conducting sediment cleanup and dredging within the North Shipyard portion of the San Diego Shipyard Sediment Site until approximately 31 Mar 16. The project is located in the waterfront portion of San Diego Bay, eastward of 32-41-31N 117-08-51W and 32-41-27N 117-08-58W to the U.S. bulkhead line. Dredges DB PALOMAR, DB POINT LOMA, and RES 180 will be performing dredging operations with tugs KATHA C, KILLEEN and METOLA as well as support vessels JEANNIE R and JOHN DRAKE to assist the material and equipment barges to the work site. All will monitor VHF-FM Chan. 16. Mariners are requested to make arrangements with project vessels prior to passing, and proceed at a no wake speed. For more project details or comments contact Chad Carpenter at 619-233-0178.

Chart 18773

LNM: 34/14

SAN DIEGO TO MONTEREY BAY-DIVE OPERATIONS

The U.S. Navy Undersea Rescue Command (URC) will be conducting continuous diving operations from 04-16 Oct 15 at the following positions:

32-41-12N 117-16-30W

32-34-06N 117-11-04.8W

The HOS DOMINATOR will be on scene monitoring VHF-FM Chan.16. Mariners are directed to maintain a minimum safe distance of 0.5nm from the dive site, due to risk of entanglement. For more details or comments contact LT Charles Kreuzberger at 619-545-9188.

SAN DIEGO TO MONTEREY BAY-DIVE OPERATIONS

Chart 18765

LNM: 39/15

SAN DIEGO-DEL MAR-LOS PEÑASQUITOS LAGOON-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Work has begun to replace the existing railroad bridge. A temporary bridge will be erected alongside the existing bridge to facilitate construction of the replacement bridge. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765

LNM: 31/15

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

NORTH COUNTY TRANSIT DISTRICT RAILROAD BRIDGE- Maintenance work has begun on the bridge. A yellow boom will surround the bridge from the southern abutment to pier 27 to the north. Waterway users can transit the bridge north of the yellow boom. Mariners are requested to transit the area with caution. See NCTD enclosure at the end of this announcement for all temporary obstructions to navigation. For further information, mariners can contact the Coast Guard Project Manager at 510-437-3515.

Chart 18765

LNM: 33/15

SAN DIEGO-LA JOLLA-RESEARCH BUOY ARRAY

Scripps Institution of Oceanography has deployed an array of research buoys off of Point La Jolla. There are six white spheres and six green cylinders, all submerged to depths varying from 18 inches to 16ft. The array is located within an area marked by yellow, radar reflective surface buoys lighted with a FI Y 4s characteristic. The surface buoys are located at the following positions:

32-52-54.08N 117-16-09.61W

32-52-52.06N 117-16-14.85W

32-52-39.50N 117-16-20.48W

32-52-28.20N 117-16-08.06W

32-52-30.37N 117-16-02.32W

32-52-43.63N 117-16-01.82W

The buoys will remain on scene until further notice. Mariners are requested to remain clear of the array and transit the nearby area with caution. For more details or comments contact Lisa Hazard at 858-822-2873.

Chart 18740

LNM: 06/15

SAN DIEGO-OFFSHORE-ROV OPERATIONS

Liquid Robotics, Inc. (www.liquidr.com) will conduct continuous, unmanned maritime vehicle data collection operations in the vicinity of 32-32-00N 120-30-00W until approximately 20 Nov 15. The Wave Glider is designed to conduct scientific data collection operations. It carries no fuel, lubricants, or hydrocarbons. It is wave powered, remotely attended from our Wave Glider Operations Center (WGOC), moving at speeds of around 1kt, and designed to give way or part if encountered by a vessel. The vehicle is approximately 7ft x 2ft (surfboard size), yellow in color, with a contact plaque and mast extending 1 meter above the water surface supporting a flag. Mariners are requested to transit the area with caution. For more details or comments contact Liquid Robotics 24/7 WGOC Operations Center at 888-574-4574, 408-636-4205, or email support@liquidr.com with your inquiries.

Chart 18765

LNM: 07/15

SAN DIEGO-POINT LOMA-MARINE CONSTRUCTION

Marathon Construction will conduct pile driving and floating dock installation operations until 01 Nov 15 in the vicinity of Naval Base Point Loma at 32-42-12.5N 117-14-09W. Mariners are requested to transit the area with caution. For more details or comments, contact Danny Kasik at 619-699-9639.

Chart 18773

LNM: 32/15

SAN DIEGO-SANTA BARBARA-GEOPHYSICAL SURVEY

The USGS Pacific Coastal and Marine Geology Science Center (PCMGSC) will be conducting a geophysical survey off of Goleta to Point Mugu beaches until 31 Mar 16. The operations will be a bathymetric survey using a 200 kHz single beam echo sounder mounted on a personal watercraft (jet ski). Two personal watercraft will be used to conduct cross shore transects from within the surf zone out to 12nm from shore. At least one survey will be conducted near the beginning of the project period to document end-of-summer near shore bathymetric conditions prior to arrival of winter waves. Up to three additional surveys may be conducted in response to large wave and/or river discharge events if they occur. For more details or comments contact George Tate at 831-460-7484.

Chart 18022

LNM: 36/15

SAN FRANCISCO BAY- CARQUINEZ STRAIT-BENICIA MARINA-DREDGING

Salt River Construction Corporation will conduct dredging operations in Benicia Marina at 38-02-37N 122-09-26W during daylight hours until 30 Nov 15. The self contained dredge/dump barge DB1 and tug HAYDEN BAY will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18657

LNM: 32/15

SAN FRANCISCO BAY-ALBANY-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction operations at Albany Beach during daylight hours through October 2015. The construction work will consist of excavation and removal of existing concrete rubble revetment, construction of new rock revetment and installation of subtidal habitat enhancement features. The subtidal habitat enhancement features extend approximately 200ft beyond the new shoreline revetment and may be submerged at high tide. The work area will span approximately 1800ft of shoreline in an area bound by the following coordinates:

SAN FRANCISCO BAY-ALBANY-MARINE CONSTRUCTION

37-53-21N 122-19-24W
37-53-22N 122-18-57W
37-53-18N 122-19-24W
37-53-17N 122-18-57W

A turbidity curtain is in place encapsulating the boundaries of the revetment work. The turbidity curtain is anchored and equipped with lighted boom markers. Large Construction equipment along with miscellaneous work skiffs will be utilized on this project. The shore-side crew will monitor VHF-Chan. 07A and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Jason Tse at 415-300-5336.

Chart 18649

LNM: 31/15

SAN FRANCISCO BAY-BRISBANE MARINA-DREDGING

Dutra will conduct continuous dredging operations in the Brisbane Entrance Channel and Marina at 37-40-21N 122-22-11W until 30 Nov 15. Dredging within the marina will be limited to the hours of 0700-1900 weekdays and 0900-1700 on weekends. Dredged material will be disposed of at the SF-11 disposal site. A temporary mooring buoy will be established at 37-40-36N 122-21-51W for the duration of the project. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a FI W 4s characteristic. Clamshell dredges DB 24 and DB 23; along with and tug BECKY T will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 20/15

SAN FRANCISCO BAY-CARQUINEZ STRAIT-BRIDGE

BENICIA/MARTINEZ I-680 HIGHWAY BRIDGE- A 160ft wide paint scaffolding installed in the second over water span from the north bank of the downstream I-680 bridge will be moved 135ft south in the same span and will remain in position until 31 Mar 16. The scaffolding reduces vertical clearance by approximately 4ft and is lighted at night with red lights. For more details or comments contact the District Bridge Administrator at 510-437-3516.

Chart 18657

LNM: 33/15

SAN FRANCISCO BAY-CLIPPER YACHT HARBOR-DREDGING

Dutra will conduct continuous dredging operations in Clipper Yacht Harbor, Sausalito at 37-52-16N 122-29-46W until 30 Nov 15. Dredged material will be disposed of at the SF-10 and SF-11 disposal sites. Clamshell dredge DB 3; along with tugs SEA W and TERRI L. BRUSCO will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-DETERIORATING CONCRETE PILINGS

Deteriorating concrete pilings above and below the waterline are present in the vicinity of the the south edge of the Southampton Shoal Light (LLNR 5480). Mariners are advised to use caution when transiting this area. Direct any questions to LTJG Leslie Stenkamp at 510-437-3801 or Leslie.A.Stenkamp@uscg.mil.

Charts: 18649 18652

LNM: 23/15

SAN FRANCISCO BAY-DREDGING

Salt River Construction will conduct dredging operations in the Paradise Cay Homeowners Channel at 37-54-53N 122-28-32W until 30 Nov 15. The dredge/dump barges DB1 and DB2, along with tug IRENE LAURITZEN will monitor VHF-FM Chan. 13, 14, and 77. There will be a 150ft silt curtain extending to the north from the Trinidad Drive Spit. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653

LNM: 28/15

SAN FRANCISCO BAY-FLEET WEEK REGULATED AREAS

The Coast Guard will be enforcing the regulations in 33 CFR 100.1105 that establish regulated areas in the navigable waters of San Francisco Bay for the annual Fleet Week Parade of Navy Ships and Blue Angels Demonstrations to be held from 08-11 Oct 15. Two regulated areas Alpha and Bravo will include all navigable waters from the surface to the seafloor encompassed by the following coordinates:

Regulated Area Alpha:

37-48-40N 122-28-38W
37-49-10N 122-28-41W
37-49-31N 122-25-18W
37-49-06N 122-24-08W
37-47-53N 122-22-42W
37-46-00N 122-22-00W
37-46-00N 122-23-07W

Regulated Area Bravo:

37-48-27.5N 122-24-04W
37-49-31 N 122-24-18W
37-49-00 N 122-27-52W
37-48-19 N 122-27-40W

Regulated area Alpha for the Navy Parade of Ships will be enforced from 1030-1230, 09 Oct 15. Regulated area Bravo for the U.S. Navy Blue

SAN FRANCISCO BAY-FLEET WEEK REGULATED AREAS

Angels Activities will be enforced from 1330-1800 on 08 Oct and from 1100-1700 on 09 Oct and from 1200-1700 on 10-11 Oct 15. Under the provisions of 33 CFR 100.1105 a vessel may not enter the regulated area, unless it receives permission from the Captain of the Port.

Additionally, no person or vessel may enter or remain within 500yds ahead of the lead Navy parade vessel, within 200yds astern of the last parade vessel, and within 200yds on either side of all parade vessels. No person or vessel shall anchor, block, loiter in, or impede the transit of ship parade participants or official patrol vessels.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-ISLAIS CREEK CHANNEL-MARINE CONSTRUCTION

Dutra will conduct pile driving and concrete work on the south side of Islais Creek between the Illinois St. Bridge and the Third St. Bridge during daylight hours until April 2016. Crane barge KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution. For more details or comments contact Valerie Daley at 415-686-9417.

Chart 18650

LNM: 48/14

SAN FRANCISCO BAY-LARKSPUR FERRY TERMINAL-DREDGING

Dredging operations will be conducted in the vicinity of the Larkspur Ferry Terminal at 37-55-46N 122-27-39W until 30 Nov 15. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18653

LNM: 37/15

SAN FRANCISCO BAY-LARKSPUR-DREDGING

Dutra will conduct continuous dredging operations in the Larkspur Ferry Terminal Berths and Larkspur Channel at 37-56-41N 122-30-29W until 30 Nov 15. A temporary mooring will be established at 37-55-47N 122-27-39W until 20 Oct 15. The mooring buoy is 10ft round, white with a blue stripe, and lighted at night with a FI W 4s characteristic. Dredging within the berths will be limited to the hours of 0700-2100. Dredged material will be disposed of at the SF-11 and SF-DODS disposal sites. Clamshell dredges DB 24 and DB 3; along with tugs ARTHUR BRUSCO and HEIDI L will monitor VHF-FM Chan. 13, 14, and 80. Mariners are requested to transit the area with caution. For more details or comments contact Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 25/15

SAN FRANCISCO BAY-MARE ISLAND STRAIT-DREDGING

Mare Island Drydock LLC will conduct maintenance dredging at Mare Island ship yard at 38-5-43W 122-15-50N until 15 Oct 15. Vessels will be transporting material north on the Napa River to the Dutchman Slough. Dredge Barge SONNIE DELIGHT, Barge GRETA JEAN; along with Tugs TRIG LIND and SHELLEY LIND will be on site monitoring VHF-FM Chan. 11. Mariners are requested to transit the area with caution. For more details or comments contact Kevin Tweed of Bay Marine Services at 415-798-0007.

Chart 18655

LNM: 34/15

SAN FRANCISCO BAY-OAKLAND INNER HARBOR-SHOALING

Shoaling has been reported on the south side of the Oakland Inner Harbor South Channel in the east passage through the Fruitville Ave. Bridge. Mariners are requested to transit the area with caution and report any observed changes in shoaling conditions to the San Francisco VTS on VHF-FM Chan. 14. For more details or comments contact U.S. Coast Guard Sector San Francisco Waterways Management at 415-399-7443.

Chart 18652

LNM: 16/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in the Port of Oakland at from 10 Oct 15 through 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland disposal site. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED, POINT VICENTE, PHYLLIS T, and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-DREDGING

Dutra Construction Company will be conducting continuous dredging operations in Oakland Inner and Outer harbor Channels at 37-55-19N 122-24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 along with tugs SARAH REED, ARTHUR BRUSCO, HEIDI L. BRUSCO and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Operations Manager Dennis Salyers at 415-497-5289.

Chart 18649

LNM: 38/15

SAN FRANCISCO BAY-OAKLAND-SUNKEN VESSEL

A sunken 56ft vessel has been reported in the vicinity of 5th Ave. Marina, Oakland at 37-47-18.91N 122-15-51.60W. Approximately 2ft to 4ft of the vessel's mast is out of the water and also marked by a quick flashing green light. Mariners are requested to transit the area with caution.

Chart 18652

LNM: 39/15

SAN FRANCISCO BAY-PETALUMA RIVER-DREDGING

Channel dredging will be conducted 24 hours a day in the vicinity of Petaluma River at 38-06-36N 122-28-12W until 24 Oct 15. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18654

LNM: 34/15

SAN FRANCISCO BAY-PINOLE SHOAL CHANNEL-DREDGING

Curtin Maritime Corp will conduct continuous dredging operations in the vicinity of Pinole Shoal Channel at 38-01-22N 122-22-31W until 15 Oct 15. Material will be dredged from within the navigational channel between McNears Beach and the Carquinez Bridge and transported to the in-bay disposal site SF-10. Clamshell Dredge DB 185-3; scows LONG PT and ARROW PT; along with tugs SARAH-C, TAURUS, and BOB will monitor VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution, minimize wake, and make arrangements with dredge vessels prior to passing. For more details or comments contact Steve Chew at 562-666-6971 or Sam Bice at 206-550-3916.

Chart 18654

LNM: 36/15

SAN FRANCISCO BAY-RICHMOND-DREDGING

Dutra Construction Company will be conducting dredging operations near Chevron Long Wharf at 37-55-19N 122 24-40W until 30 Nov 15. Dredged material will be disposed of at the Montezuma Upland and SFDODS disposal sites. Clamshell dredges DB 24 and/or BEAVER; along with tugs SARAH REED and BECKY T will be on site monitoring VHF-FM Chan. 13, 14, and 82. Mariners are requested to transit the area with caution. For more details or comments contact Dredge Superintendent Dennis Salyers at 415-497-5289.

Chart 18652

LNM: 35/15

SAN FRANCISCO BAY-SAN FRANCISCO FERRY TERMINAL-CONSTRUCTION

Manson Construction will be installing a marine barrier in the vicinity of San Francisco Ferry Plaza at 37-47-49N 122-23-21W until 30 Aug 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18650

LNM: 37/15

SAN FRANCISCO BAY-SAN FRANCISCO MARINA-SHOALING

Shoaling has been reported extending from the south side of the North Jetty at the entrance to San Francisco Marina. An unlighted white buoy has been established at 37-48-30N 122-26-23W in 9ft of water to mark the shifting shoal. The northern entrance is subject to rapid shoaling and should be avoided due to unknown depths. It is recommended that vessels transiting the marina enter and exit from the south side of the floating wave attenuator. Mariners are requested to transit the area with caution. For more details or comments contact Lawrence O'Donnel at 415-831-6322.

Chart 18649

LNM: 11/15

SAN FRANCISCO BAY-SAN RAFAEL BAY-DREDGING

Salt River Construction Corporation will conduct dredging operations in Loch Lomond Marina at 37-58-15N 122-29-02W until 15 Oct 15. Self contained dredge/dump barges DB3, DB4, and PC-100; along with tugs; IRENE LAURITZEN and BRANDY BAR will be on site monitoring VHF-FM Chan. 13, 14, and 77. There will be two anchor balls placed in the marina entrance channel during operations. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18653

LNM: 21/15

SAN FRANCISCO BAY-SAN RAFAEL-DREDGING

Salt River Construction Corporation will conduct dredging operations in Marina Vista Improvement Club Canal at 37-58-15N 122-29-43W until 10 Oct 15. The self contained dredge/dump barges DB1; along with tugs IRENE LAURITZEN and HAYDEN BAY will be on site monitoring VHF-FM Chan. 13, 14, and 77. Mariners are requested to transit the area with caution. For more details or comments contact Rick Moseley at 415-435-1024.

Chart 18652

LNM: 35/15

SAN FRANCISCO BAY-SEARS POINT-DREDGING

Dixon Marine Construction will be conducting dredging operations in the vicinity of Sears Point Wetlands at 38-06-40N 122-28-12W until 24 Oct 15. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18654

LNM: 37/15

SAN FRANCISCO BAY-SOUTH BAY-POWER LINE REPAIR

Power line repairs will be conducted near the Dumbarton Bridge at 37-30-39N 122-06-46W from 0730 to 1800 daily until 31 Jan 16. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18651

LNM: 34/15

SAN FRANCISCO BAY-SUISUN BAY

A 500ft section of unlighted floating dock has been reported adrift in Spoonbill creek between Van Sickle Island and Chips Island. Mariners are requested to transit the area with caution and report any sightings to the San Francisco Vessel Traffic Service via VHF-FM Chan. 14.

Chart 18659

LNM: 25/15

SAN FRANCISCO BAY-SUISUN BAY-MARINE CONSTRUCTION

Cherne Contracting Corporation will be conducting marine construction operations on the Tesoro Avon Wharf in Suisun Bay at 38-02-56N 122-05-27W until July 2016. The work will include the construction of a new Berth 1A and replacement of the existing trestle between the wharf and land. Two temporary mooring buoys have been established at 38-03-5.76N 122-06-29.5W and 38-03-51.4N 122-06-32.6W. Derrick barges VANCOUVER and GENERAL; along with multiple flat barges will be on site monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution and minimize wake in the vicinity of the construction site. For more details or comments contact Glenn Olson at 253-377-4078.

Chart 18656

LNM: 28/15

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-DREDGING

Vortex Marine Construction will be conducting dredging operations in the vicinity of Vallejo Ferry Terminal at 38-06-00N 122-15-47W until 15 Oct

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-DREDGING

15. Mariners are requested to transit the area with caution. For more details or comments contact LTJG Christina Ramirez at 415-399-3585.

Chart 18652

LNM: 37/15

SAN FRANCISCO BAY-VALLEJO-MARE ISLAND STRAIT-MARINE CONSTRUCTION

Dutra Construction Company will conduct marine construction at the Mare Island Ferry Terminal at 38-06-06N 122-16-08W through April 2016. Project work will consist of pile driving and floating dock installation. Crane barge MORTY or KELSO will be on site monitoring VHF-FM Chan. 16. Mariners are requested to transit the area with caution and minimize wake when transiting near the construction site. For more details or comments contact Stephen Hutchison at 415-254-4410.

Chart 18655

LNM: 29/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-EAST OF YBI -A Safety Zone has been established from 500 feet west of pier "H" and extends east to the Oakland shoreline. (see 2015-2017 East SFOBB Safety Zone in enclosure section) This safety zone has been established to protect mariners from the dangers associated with pier removal, over-head demolition and debris removal operations of the SFOBB. All vessels passing through the bridge east of YBI should use the "G-H" span, 500 feet west of pier "H" until demolition of the rest of the bridge is complete. Unauthorized persons or vessels will be prohibited from entering into, transiting through, or remaining in the safety zone without permission of the Captain of the Port or their designated representative. Temporary falsework towers have been removed down to the base from span "H" –"I". Red lights will mark the upstream and downstream portion of the bases until removal. (see temp_falsework.pdf in enclosure section) Barges may be moored to piers "H", and "I" with the outboard corners lit at night with red lights. (see barge_lighting.pdf in enclosure section.) A 180 X 60 ft crane barge, 220 X 60 ft spud barge and 140 X 70 flexifloat may be anchored on any side of piers "H" and "I" with anchor lines extending up to 700 ft NW, SW, NE, and SE of the moorings. (see Barge_Anchor_Diagram_02.pdf in enclosure section). For details at the work site, mariners may contact Caltrans at 510-385-7084 or the Contractor at 925-250-1298. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18650

LNM: 43/08

SAN FRANCISCO-OAKLAND BAY BRIDGE (WEST OF YBI)

SAN FRANCISCO/OAKLAND BAY BRIDGE-WEST OF YBI- CALTRANS has installed a painting traveler in the "B-C" span reducing vertical clearance by 5ft. The painting traveler is lighted at night with red lights. A section of steel and plastic timber fendering is missing from the south east corner of Pier "C" and is presumed sunk at the base of the pier. Mariners are advised to avoid direct contact with the pier. Caltrans is performing fog signal and electrical work on the San Francisco/Oakland Bay Bridge, west of YBI, at piers A through E. The decorative white lighting around the pier bases may be affected. Mariners are requested to transit the area with caution. For more details or comments contact the Coast Guard Project Manager at 510-437-3515.

Chart 18649

LNM: 26/15

SAN FRANCISCO-SUISUN BAY-MONTEZUMA SLOUGH-SUISUN MARSH-LOCK OPERATIONS

The California Department of Water Resources is operating the boat lock from 0700-1700 daily until 31 May 16, and will monitor VHF-FM Chan. 13 during operating hours at the Suisun Marsh Salinity Control Structure maintenance channel at 38-05-36N 121-53-07W. All vessels requiring passage in either direction must use the boat lock. The boat lock signal is a standard traffic light. Whistle signals to request opening are two prolonged blasts followed by two short blasts. Full instructions on passage including an emergency phone number are posted on site. The boat lock is located on the east side of the channel and provides the following clearances: 16ft horizontally; 9ft over the sill at MLLW; 70ft in length between sector gates; and no vertical impairment. The piers will be marked by fixed red lights, and other parts of the structure will be marked by fixed yellow lights.

Mariners should be aware a shoal area exists along the east bank on both sides of the structure extending approximately 50ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations can, at times, create currents at the site greater than currents in other areas of Montezuma Slough. Mariners are requested to transit the area with caution. For more details or comments contact Dan Yamanaka at 916-574-0456.

Chart 18656

LNM: 34/15

SANTA MONICA BAY-MALIBU-SURVEY

M/V SURVEYOR will be conducting oceanographic benthic surveys off of Malibu at 34-00-00N 118-57-00W until 09 Oct 15. The operations necessitate both anchoring and regular transiting in the area with instrumentation in tow. M/V SURVEYOR will be monitoring chan. 16. Mariners are requested to maintain 500yds and transit the nearby area with caution. For more details or comments contact Timothy Fleming at 760-846-6542.

Chart 18740

LNM: 38/15

SOUTHERN CALIFORNIA-GULF OF SANTA CATALINA-OCEAN EXPERIMENTS

Scripps Institution of Oceanography will be conducting ocean experiments from the Research Platform FLIP and R/V SPROUL east of San Clemente Island and west of San Diego at 33-06-05N 118-11-42W from 05-13 Oct 15. Once in the vertical, FLIP will be freely drifting and have a draft of 300ft and 55ft of structure above the waterline with oceanographic equipment deployed. Both a commercial tug for towing FLIP and the R/V SPROUL will be on scene monitoring VHF-FM Chan. 13 and 16. Mariners are requested to transit the area with caution. For more details or comments contact the Marine Superintendent at the Scripps Nimitz Marine Facility at 858-534-1643/1639.

Chart 18740

LNM: 39/15

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

Mariners operating in the vicinity of San Clemente Island are reminded of the restricted waterway access surrounding San Clemente Island(33 CFR 165.1131; 33CFR 165.1141).

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente

SOUTHERN CALIFORNIA-SAN CLEMENTE ISLAND-SAFETY ZONES

Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential. For more details see MSSB 04-15 SCI Safety Zone.pdf in the enclosure section.

Chart 18762

LNM: 39/15

SOUTHERN CALIFORNIA-SAN DIEGO-SCIENTIFIC RESEARCH

Scripps Institution of Oceanography will be conducting near shore scientific research in the vicinity of south San Diego between the US-Mexico Border and Coronado until 30 Nov 15. The purpose of this research is to study the exchange between the surfzone (where waves break) and the inner-shelf (shallow area just offshore of the surfzone). SIO will periodically release a bright pink dye into the surfzone to quantify the exchange and measure the amount of dispersion of tracers. The dye will be tracked as it spreads using boats, jetskis, and beach instrumentation. SIO has also installed 14 instruments on the seafloor marked by surface floats (12 inches long and 4-6 inches diameter white with reflective tape) and/or large yellow cylindrical buoys (24 inches tall and 28 inches diameter). The surface buoys are located at the following positions:

32-35-15.79N 117-11-51.86W
32-38-03.77N 117-11-57.34W
32-34-36.37N 117-08-13.71W
32-37-39.50N 117-08-36.56W
32-40-01.02N 117-12-08.71W
32-35-26.20N 117-09-45.61W
32-35-25.69N 117-08-19.54W
32-35-16.12N 117-08-20.54W
32-35-19.21N 117-08-11.65W
32-35-19.43N 117-08-27.06W
32-36-04.36N 117-08-34.48W
32-36-04.28N 117-08-32.89W
32-38-16.15N 117-09-30.28W
32-38-17.63N 117-09-30.13W

Mariners are requested to transit the nearby area with caution. For more details or comments contact Sarah Giddings at 510-406-4574.

Chart 18740

LNM: 38/15

SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk *, indicates the column in which a correction has been made to new information

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
None							

PUBLICATION CORRECTIONS

None

ENCLOSURES

SOUTHERN CALIFORNIA-MARINE SAFETY INFORMATION BULLETIN

[MSIB Voluntary Traffic Lane 11-09.pdf](#)

See link above.

LNM: 09/10

REPORT OF DELAY AT DRAWBRIDGE

[DelayRept0207.pdf](#)

Use link above to Report a Delay at a Drawbridge.

LNM: 06/07

LONG BEACH-MIDDLE HARBOR-DEMOLITION

[Long Beach Containment Dike.pdf](#)

See link above.

LNM: 40/14

PETALUMA RIVER-BRIDGE

[CofferdamLighting_US101_Petaluma.pdf](#) [PetalumaPierCofferdam2.pdf](#)

See link above for Cofferdam Lighting Diagram

LNM: 26/13

POINT ARGUELLO TO DANA POINT-WHALES

[Whale_Advisory_Zone.pdf](#)

See link above.

LNM: 20/15

SAN FRANCISCO BAY-ENTRANCE TSS-SPEED REDUCTION

[SpeedReductionZone.pdf](#)

See link above

LNM: 17/15

SAN CLEMENTE ISLAND SAFETY ZONE

[MSSB 04-15 SCI Safety Zone.pdf](#)

See above link.

LNM: 39/15

SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST OF YBI)

[temp_falsework.pdf](#) [barge_lighting.pdf](#) [Barge_Anchor_Diagram_02.pdf](#) [2015-2017_East_SFOBB_SafetyZone.pdf](#)

See links above to view Safety Zone, Westar crane barge location diagram, temporary falsework lighting, barge mooring diagram, and anchor diagram during demolition.

Chart 18649

LNM: 24/15

WERNER DREDGE CUT-ORWOOD BRIDGE REPLACEMENT PROJECT

[Orwood_Lighting_Diagram.pdf](#)

See Link Above

Chart 18661

LNM: 25/15

SAN DIEGO-DEL MAR-SAN DIEGUITO RIVER-BRIDGE

[NCTD_RR_Bridge_San_Dieguito_River.pdf](#)

See link above.

Chart 18765

LNM: 33/15

MARINE SAFETY INFORMATION BULLETIN

[CFV Work Lights MSIB.pdf](#)

See link above.

LNM: 34/15

CHANGE TO USCG NAV RULES

[NAVRULESCorrectionsLNM.pdf](#)

See link above.

LNM: 39/15

DELTA & RIVERS-SAN JOAQUIN RIVER-SALT WATER BARRIER

[False_River_Barrier.pdf](#)

See link above.

LNM: 16/15

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/.

A.E. Wirts
U.S. Coast Guard
Waterways Management Branch



U. S. Coast Guard Sector Los Angeles – Long Beach

MARINE SAFETY INFORMATION BULLETIN 11-09

Los Angeles / Long Beach Harbor Safety Committee Voluntary Western Traffic Lanes

There has been a recent trend in traffic patterns where some vessel operators are choosing to depart the Traffic Separation Scheme (TSS) established in the Santa Barbara Channel and transit through an area to the south of San Miguel, Santa Rosa and Santa Cruz Islands (referenced herein as “south of the Channel Islands”). As such, the Los Angeles / Long Beach Harbor Safety Committee has published voluntary western traffic lanes for vessels approaching and departing the Ports of Los Angeles and Long Beach.

Mariners transiting through the western and northern approaches to and from the Ports of Los Angeles and Long Beach (LA/LB) are advised the established TSS through the Santa Barbara Channel as shown on NOAA and Admiralty charts is the only International Maritime Organization (IMO) approved routing measure in this area. An IMO approved TSS reduces the risk of collision by providing for the separation of arriving and departing traffic and minimizing potentially hazardous crossing situations. Mariners, who have traditionally used this approved TSS, are encouraged to continue to do so.

Voluntary Western Traffic Lanes

To address the safety concerns created by increased traffic south of the Channel Islands, on October 6, 2009, the Los Angeles/Long Beach Harbor Safety Committee (LA/LB HSC) endorsed voluntary traffic lanes in the area south of the Channel Islands (referenced herein as “voluntary western traffic lanes.”). The new voluntary western traffic lanes are not approved by the IMO, nor are they approved by any U.S. federal authority, including the U.S. Coast Guard. The LA/LB HSC developed these lanes as a voluntary measure to promote vessel safety. The Coast Guard is taking separate action to study the increased traffic in this area.

The geographical coordinates for the voluntary western traffic lanes are published by the LA/LB HSC secretary at <http://www.mxsocal.org/Blogs/24/Voluntary-Routing-Zones.aspx>.

Pacific Missile Test Range, Point Magu

Departing the IMO approved TSS and transiting south of the Channel Islands may result in delays and diversions, as this transit will take vessels through the Pacific Missile Test Range, Point Mugu, California. **The U.S. Navy advises that hazardous operations may take place within the test range.** The test range extends for 180 miles in a South West direction from Point Mugu and is up to 210 miles wide. The specific hazardous areas within the range are broadcast by the Navy daily Monday through Friday at 0900 and 1200 on 2638 kHz and 2738 kHz. When notified by the Navy, the Coast Guard also broadcasts this information on VHF-FM channel 16.

When transiting south of the Channel Islands (inbound or outbound to the Ports of Los Angeles and Long Beach), all mariners should communicate with Navy PLEAD CONTROL in a timely manner so that early decisions can be made regarding safe routing. Every effort should be made to comply fully with any instructions received from the Navy. For information regarding the status of current hazardous operations contact “PLEAD CONTROL” on VHF Marine channel 11 or 16, or at (805) 989-8841/8843 from 0600-1800, and at (805) 816-0792 after 1800. If you are unable to contact “PLEAD CONTROL”, contact “SAN PEDRO TRAFFIC” on VHF-FM channel 14 or (310) 832 6411 for the most recent information regarding hazardous military operations.

The Navy requests all vessels transiting the range to submit a notification to PLEAD CONTROL indicating the vessel name, destination, and estimated time of entry into, and departure from, the test range. Notifications can be faxed to (805) 989-0102.

Whales

Mariners are further reminded that large whales, including Blue, Grey, Humpback, and Fin whales, as well as other marine mammals, have been sighted in and around the Santa Barbara Channel, both within the TSS as well as to the south of the Channel Islands. These whales are all protected under federal law and some are listed as endangered species. Please report any collisions with whales or any observed live, injured, or dead whales, including time and position, to the National Oceanographic and Atmospheric Administration (NOAA) at 877-SOS-WHALE (877-767-9425) or the Coast Guard.

Recreational and Fishing Vessels

The area to the south of the Channel Islands is also used by both commercial fishing vessels and recreational vessels, whose operators may not be aware of the new voluntary western traffic lanes or that ship traffic has recently increased in this area. Since the new voluntary western traffic lanes are not an IMO approved traffic separation scheme, the International Regulations for Avoiding Collisions at Sea (COLREGS) Rule 10 does not apply.

Questions

Questions relating to the voluntary western traffic lanes should be directed to the LA/LB HSC Secretary at (310) 832-6411.

**U.S. COAST GUARD
REPORT OF DELAY AT DRAWBRIDGE
PER 33 CFR 117.5**

BRIDGE NAME _____ DATE _____

MILE _____ WATERWAY _____

1. Name/ Type of Vessel _____ Direction of Travel _____

2. Vessel Owner (Name) _____

(Address) _____

3. Name of Pilot (if applicable) _____

(Address) _____

4. Time vessel signaled for bridge opening _____

5. Location of vessel when signal was given _____

6. Time and location of vessel when delay began _____

7. Method of signal for bridge opening () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

8. Time bridge operator acknowledged signal _____

9. Method of bridge operator acknowledgement () Radio () Sound () Visual

(If sound or visual signal was used, specify _____)

10. Did bridge operator acknowledgement indicate the bridge

() Could be opened immediately

() Could not be opened immediately

11. If land traffic crossed the bridge:

Time land traffic started across the bridge _____

Time land traffic stopped crossing the bridge _____

Did land traffic stop on the bridge? _____

Duration land traffic stopped on the bridge _____

12. Time drawbridge opened for navigation _____

14. Additional comments _____

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

Signature _____

Telephone _____

Mariners may complete and send via fax or mail to:

USCG D11(dpw) Bridge Administration

Building 50-2

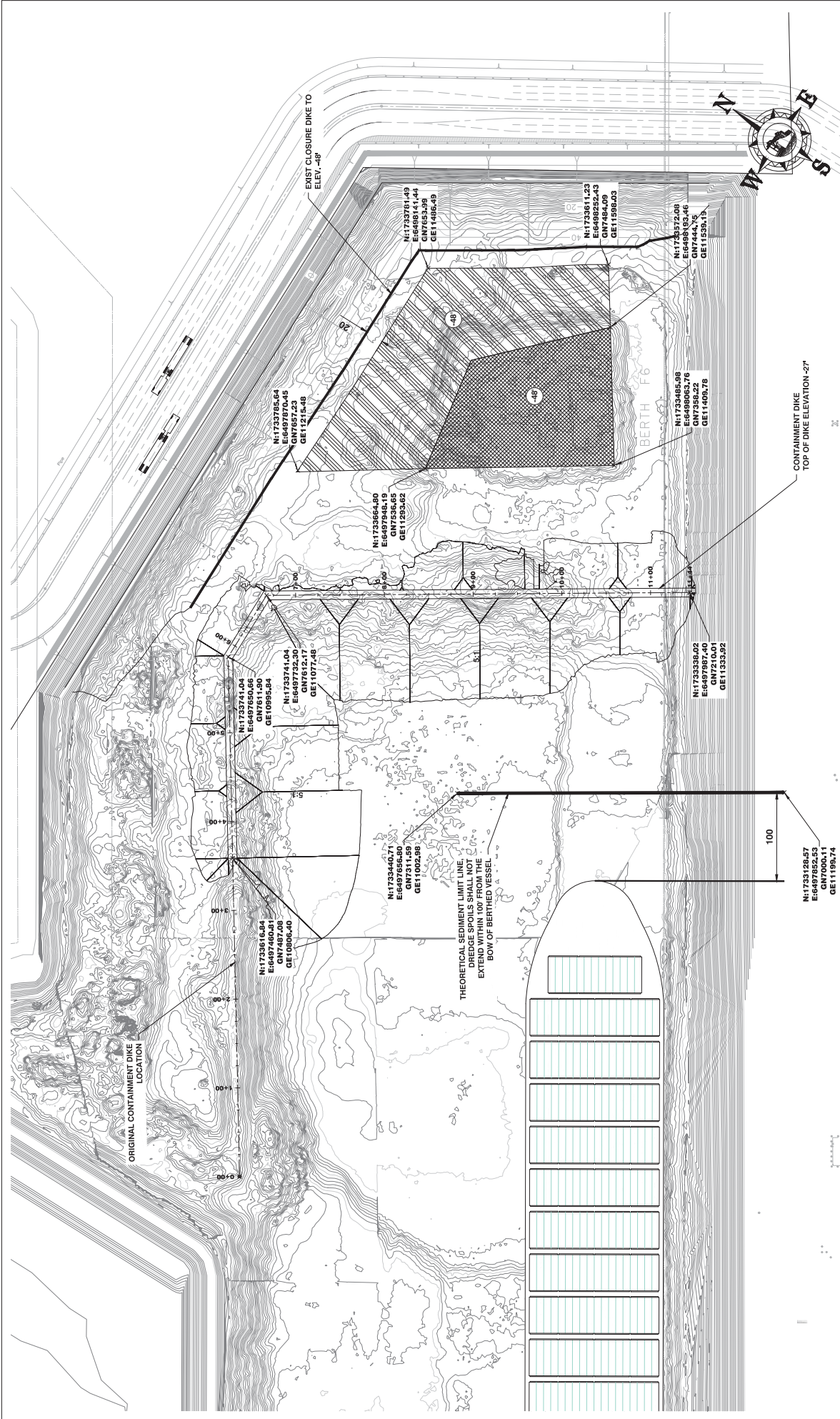
Coast Guard Island

Alameda, CA 94501-5100

Cellular: (510) 219-4366, Work Phone: (510) 437-3516

Work Fax: (510) 437-5836

Mariners are reminded not to require bridge openings for appurtenances nonessential to navigation, per 33 CFR 117.11



LEGEND

- (48) PROPOSED DREDGE DEPTH
- PROPOSED DREDGE LIMITS
- ADDITIONAL DREDGE AREA

NOTE

DATE OF SURVEY 07/23/14, 08/14/14, 08/25/14, & 09/17/14

PIER E TERMINAL REDEVELOPMENT
SLIP NO. 1 FILL

D28 CONTAINMENT AREA FOR EAST BASIN BORROW SITE AND DISPOSAL AREA

THE LONG BEACH
THE LONG BEACH GROUP, INC.
10000 THE LONG BEACH BLVD., SUITE 200
LONG BEACH, CA 90803-2000
TEL: (562) 437-0000

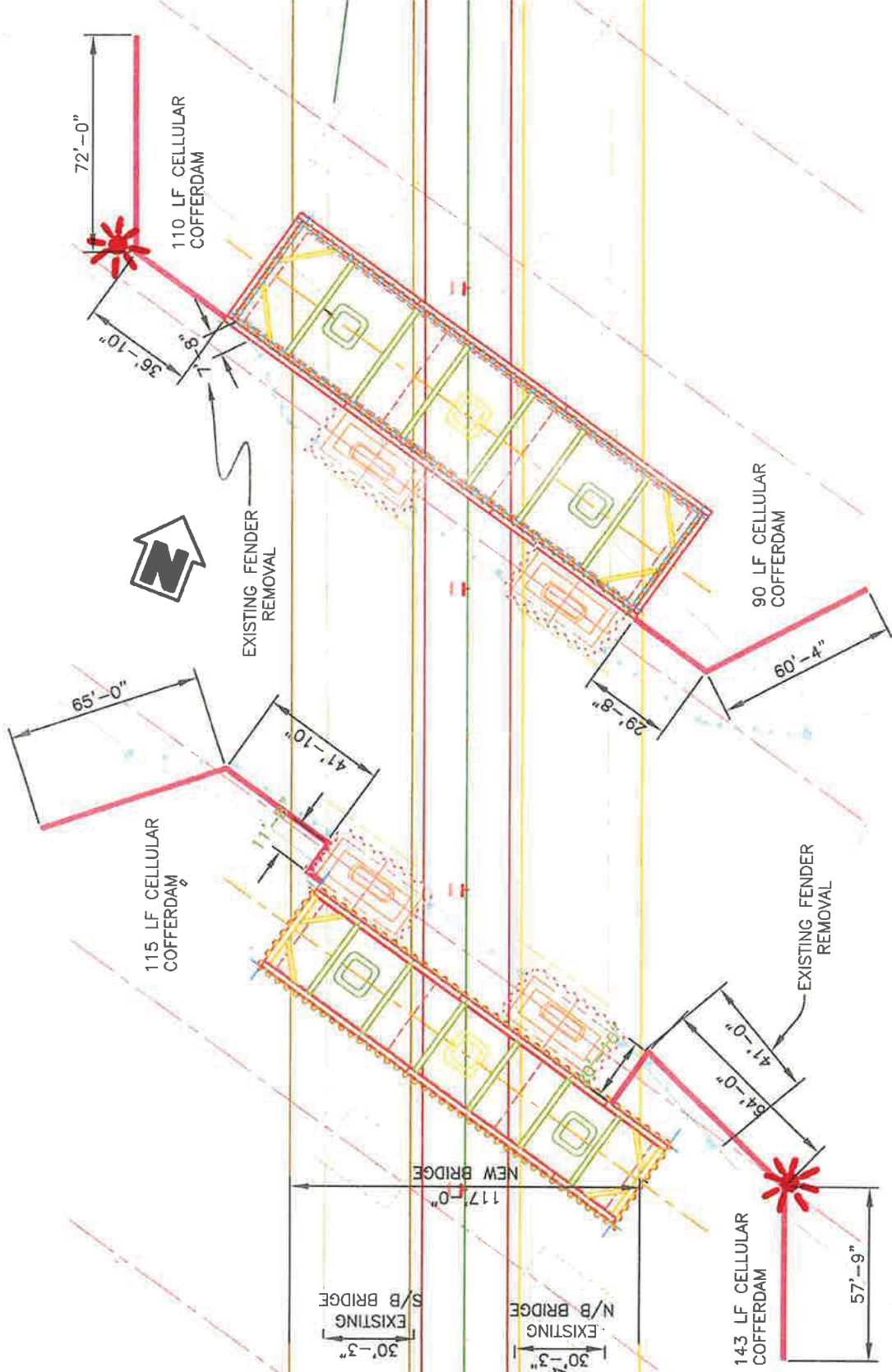
SEP 23, 2014

PG 1 of 1

Cofferdam Lighting Diagram

Replacement U.S. 101 Highway Bridge, Mile 12.5, Petaluma River

The corners of the northwest and southeast cofferdams shall be lighted at night with steady burning all round red lights, securely fastened, visible at 1,000 yards by approaching vessels.

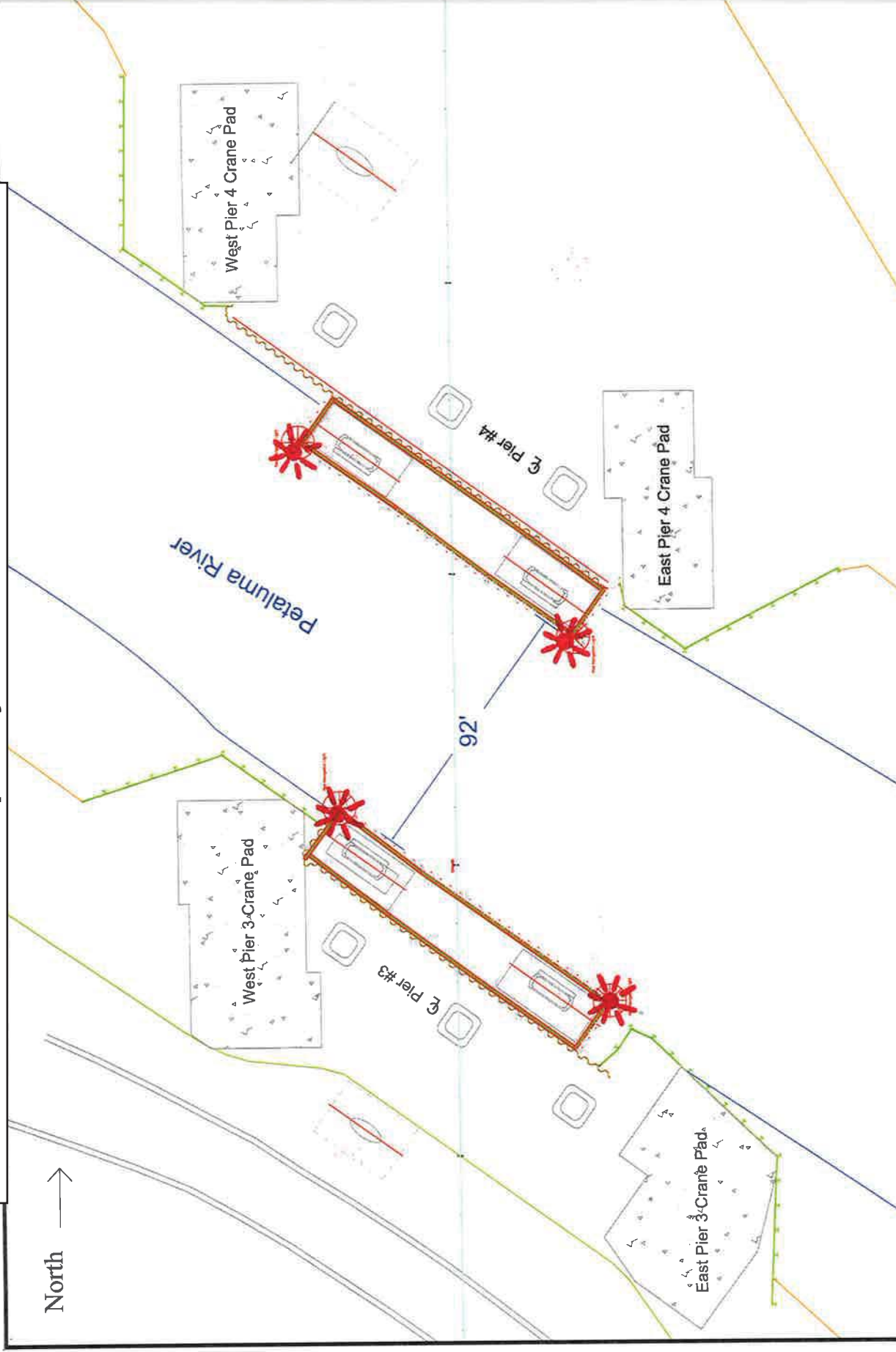


PLAN
SCALE: 1 : 50

PROJECT: PETALUMA RIVER BRIDGE (REPLACE)		CONTRACT NO.: 04-2640-1
SHEET NUMBER: 1		OF 1 SHEETS
COAST GUARD GENERAL PLAN		
PETALUMA RIVER BRIDGE		
CC MYERS INC.		
3286 Fitzgerald Road, Rancho Cordova, CA 95741		
P.O. Box 2948, Rancho Cordova, CA 95741		
916-635-9370 Fax 916-635-1527		
DESIGN BY:	DATE:	DESCRIPTION:
AS SHOWN		

ENCLOSURE ()

U.S. 101 Highway Bridge Replacement Project
Mile 12.5, Petaluma River
Temporary Cofferdam



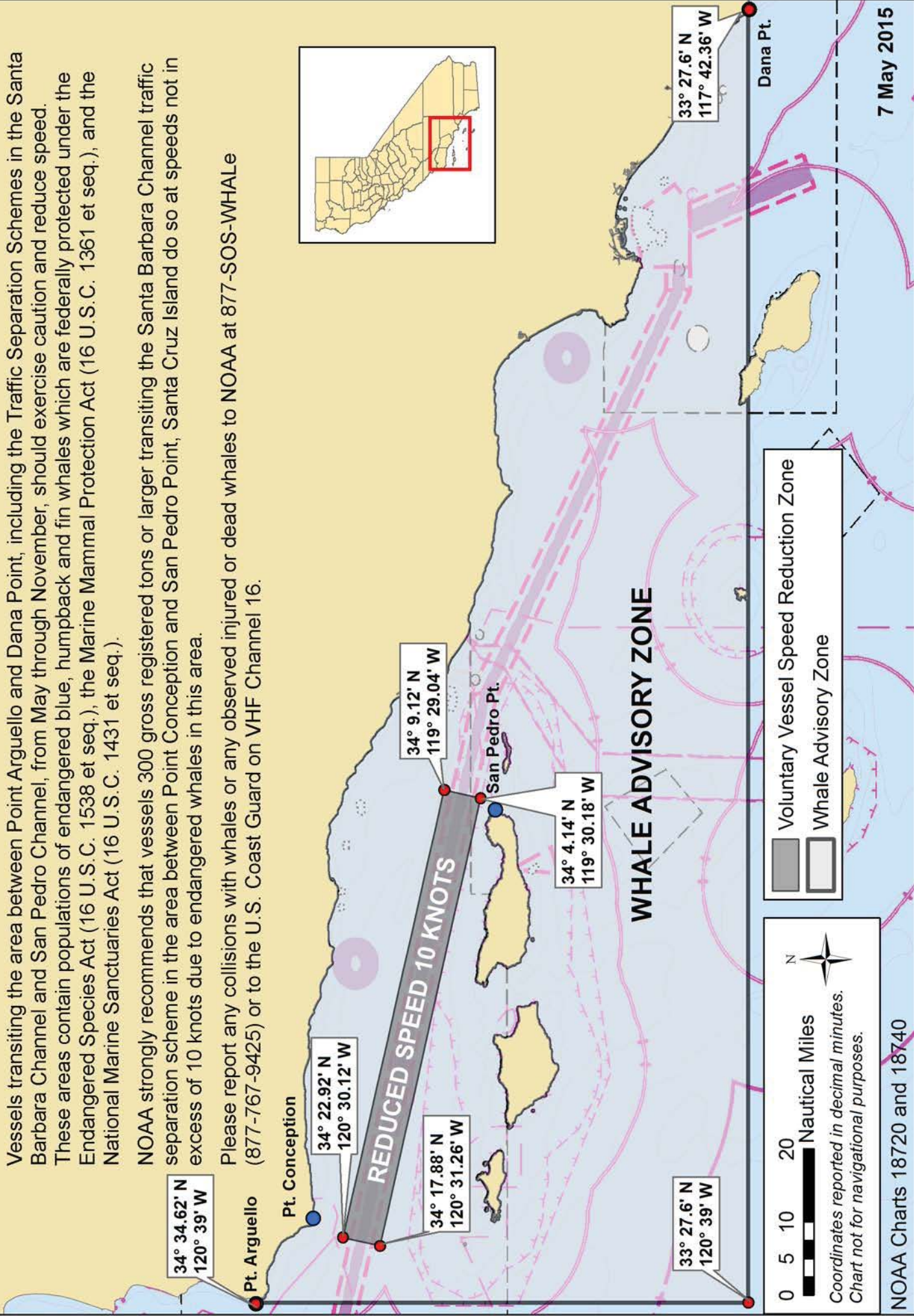
Temporary cofferdams will be installed to facilitate the removal of the being-replaced bridge piers. The cofferdams will protrude 4 feet into the channel on each side of the river reducing horizontal clearance at the bridge by 8 feet, leaving 92 feet of horizontal clearance at the work site. Each corner of the cofferdam will be lit at night with steady burning all-around red lights visible at 2000 yards.

WHALE ADVISORY ZONE AND VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES

Vessels transiting the area between Point Arguello and Dana Point, including the Traffic Separation Schemes in the Santa Barbara Channel and San Pedro Channel, from May through November, should exercise caution and reduce speed. These areas contain populations of endangered blue, humpback and fin whales which are federally protected under the Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).

NOAA strongly recommends that vessels 300 gross registered tons or larger transiting the Santa Barbara Channel traffic separation scheme in the area between Point Conception and San Pedro Point, Santa Cruz Island do so at speeds not in excess of 10 knots due to endangered whales in this area.

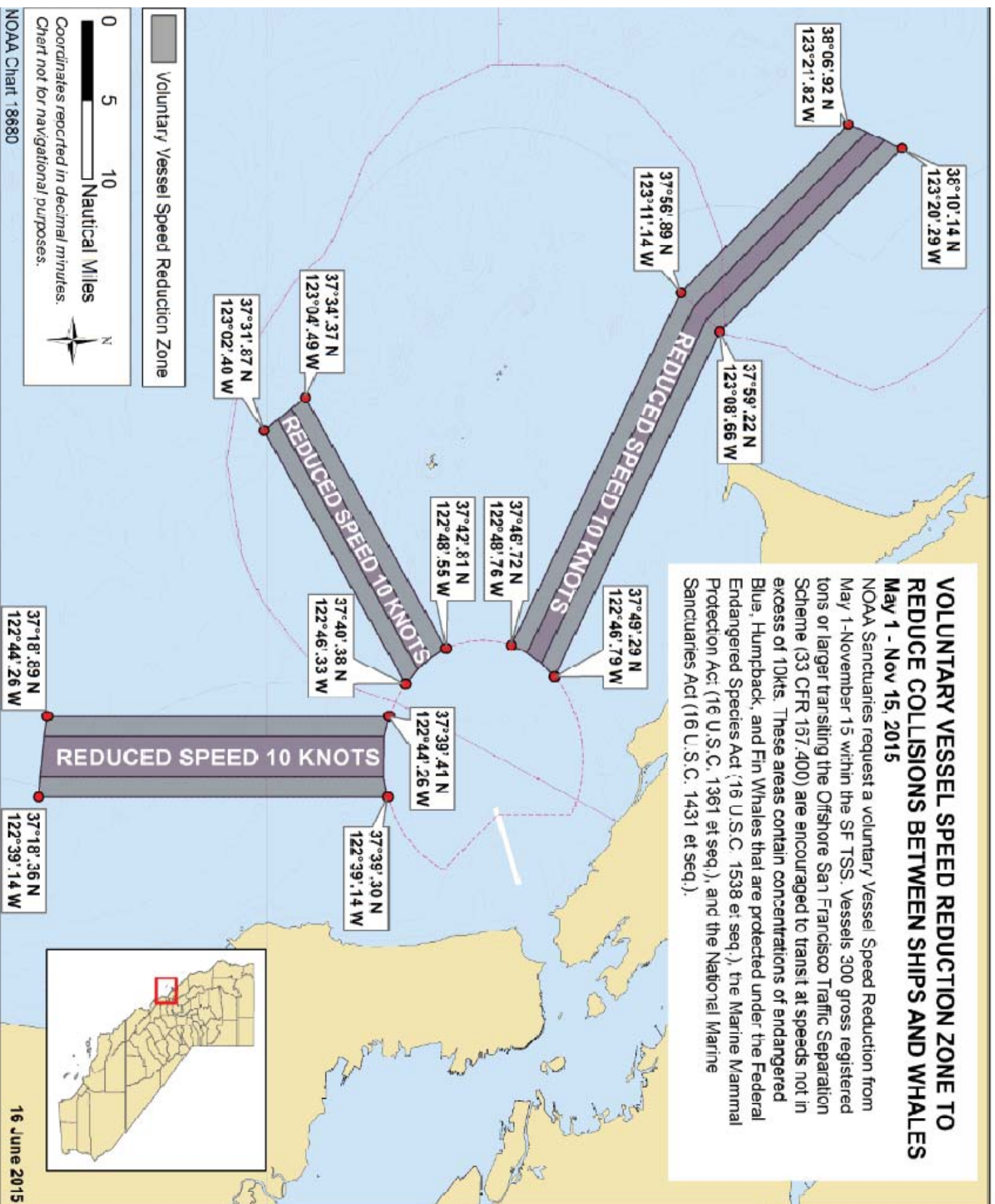
Please report any collisions with whales or any observed injured or dead whales to NOAA at 877-SOS-WHALE (877-767-9425) or to the U.S. Coast Guard on VHF Channel 16.



VOLUNTARY VESSEL SPEED REDUCTION ZONE TO REDUCE COLLISIONS BETWEEN SHIPS AND WHALES

May 1 - Nov 15, 2015

NOAA Sanctuaries request a voluntary Vessel Speed Reduction from May 1 - November 15 within the SF TSS. Vessels 300 gross registered tons or larger transiting the Offshore San Francisco Traffic Separation Scheme (33 CFR 157.400) are encouraged to transit at speeds not in excess of 10kts. These areas contain concentrations of endangered Blue, Humpback, and Fin Whales that are protected under the Federal Endangered Species Act (16 U.S.C. 1538 et seq.), the Marine Mammal Protection Act (16 U.S.C. 1361 et seq.), and the National Marine Sanctuaries Act (16 U.S.C. 1431 et seq.).



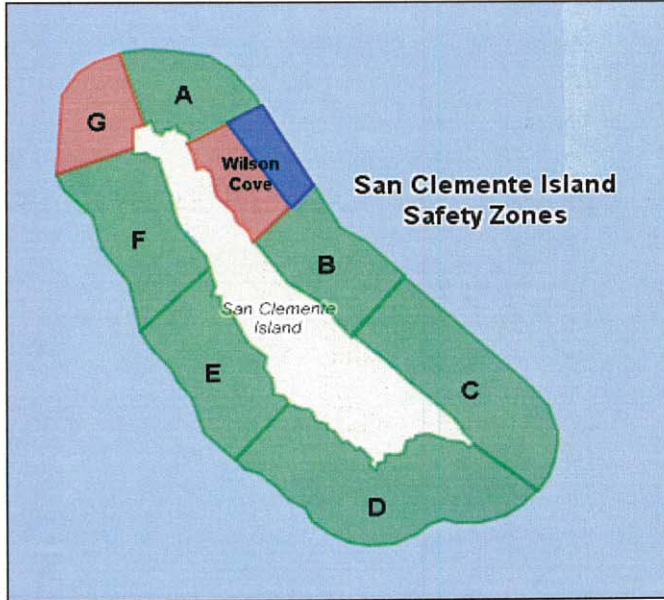
Maritime Safety and Security Bulletin: 04-15

Effective Date: 03 October 2015



U. S. Coast Guard Sector San Diego
2710 North Harbor Drive
San Diego, CA 92101
Phone: (619) 278-7241/7262
Fax: (619) 278-7235

SAN CLEMENTE ISLAND LIMITED ACCESS ADVISORY



Mariners operating in the vicinity of San Clemente Island are reminded of the **restricted** waterway access surrounding San Clemente Island (33 CFR 165.1131; 33 CFR 165.1141).

Since the inception of the regulations, numerous safety zone violations have been processed by Coast Guard Sector San Diego. Safety Zone incursions put the public at risk and cause costly and unnecessary training delays, as well as range cancellations. Violators of the San Clemente Island Safety and Security Zones are subject to monetary penalties. Criminal penalties may also be issued for repeated Safety and/or Security Zone violations. Failure to comply with the federal regulations could result in civil penalties of up to \$40,000.00. Furthermore, if a mariner holds a Merchant Mariner Credential, suspension or revocation action may be pursued against the mariner's credential.

<https://www.scisland.org/>

San Clemente Island is a top strategic Department of Defense military training facility. Dangerous naval activities occur weekly to ensure deployable military forces are trained for worldwide missions (e.g. small arms training, ground and air explosive ordnance training). Mariners conducting operations around San Clemente Island must abide by Federal regulations that apply to the three NM radius around the island. Eight zones comprise the Safety and Security Zones. Restriction times are based on U.S. Navy live fire exercises. Wilson Cove Security Zone and Safety Zone G are permanently closed. Mariners wishing to transit through Zone G must get preapproval from the U.S. Navy. The U.S. Navy makes every effort to maintain a schedule in advance and minimize public access restrictions. Periods of enforcement can be found at <https://www.scisland.org>. Restricted access areas and times are highlighted in red and listed in the associated website chart. If a Safety Zone section is green, mariners may access the waters. Mariners are advised to contact San Clemente Island via call sign "KRAKEN" on VHF CH 82A, or call Coast Guard Sector San Diego Joint Harbor Operations Center on VHF CH16 or at (619) 278-7033 to verify real-time status of the restricted waters.

If you would like more information about the Security and Safety zones surrounding San Clemente Island, please contact the Coast Guard Sector San Diego Waterways Management Division at 619-278-7656 or by email at D11-DG-M-SectorSD-Prevention-WaterwaysManagement2@uscg.mil.

A handwritten signature in blue ink, appearing to read "J. S. SPANER".

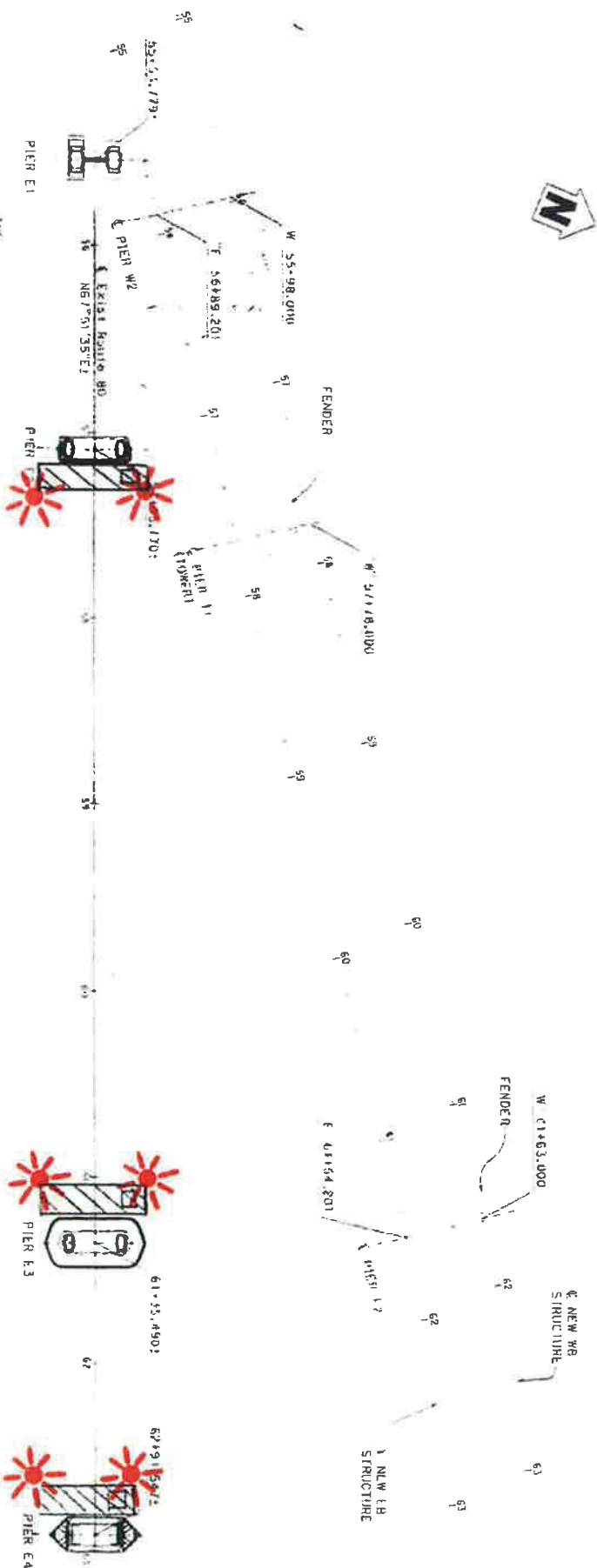
J. S. SPANER
Captain, U. S. Coast Guard
Captain of the Port San Diego

[illegible]

ENCLOSURE (2)

Lighting Diagram - Equipment Barges Eastern Span San Francisco Oakland Bay Bridge Mile 8.9, San Francisco Bay

DATE		COUNTY	ROUTE
04	SP	NO	
			
PROJECT NO. 100-1000 SHEET NO. 100-1000 DRAWN BY: [Signature] CHECKED BY: [Signature] DATE: 10/10/11			



The outboard corners of each barge shall be lighted at night with steady burning all round red lights, visible at 2,000 yards by approaching vessels.

ENCLOSURE (1)

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROL
BEFORE ORDERING OR FABRICATING ANY MATE

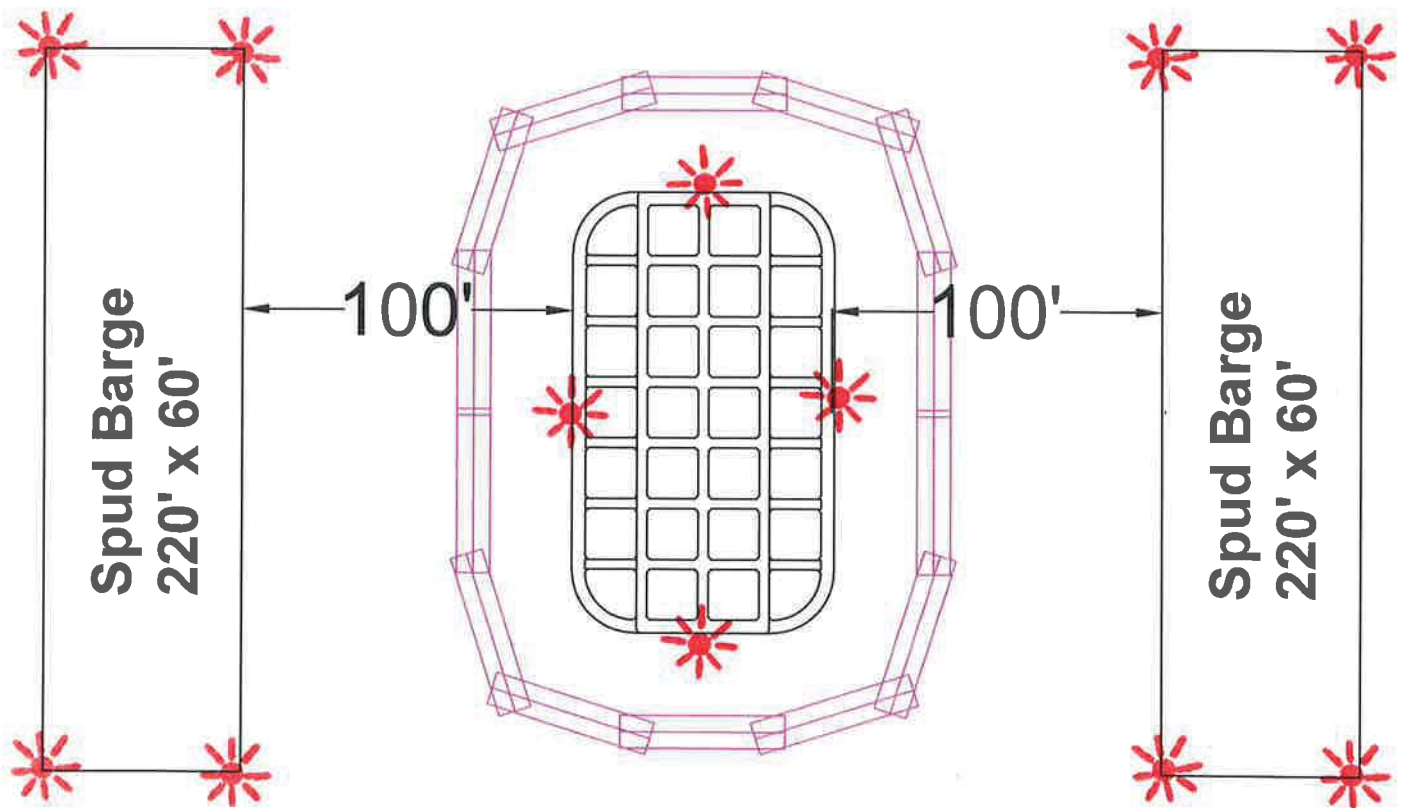
PRELIMINARY INVESTIGATION SECTION				STATE OF CALIFORNIA				TOLL BRIDGE DESIGN		EXISTING CANTILEVER TRU FOUNDATION	
DATE: 10/10/11	PROJECT: 100-1000	SHEET: 100-1000	SECTION: 100-1000	DATE: 10/10/11	PROJECT: 100-1000	SHEET: 100-1000	SECTION: 100-1000	DATE: 10/10/11	PROJECT: 100-1000	SHEET: 100-1000	SECTION: 100-1000
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN				SAN FRANCISCO-OAKLAND EAST SPAN BEISMIG SAFET				SAN FRANCISCO-OAKLAND EAST SPAN BEISMIG SAFET			

Eastern Span SFOBB Pier "H" (E-3) Lighting Plan

Each corner of each barge shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

The exposed pier structure shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

Bubble Curtain

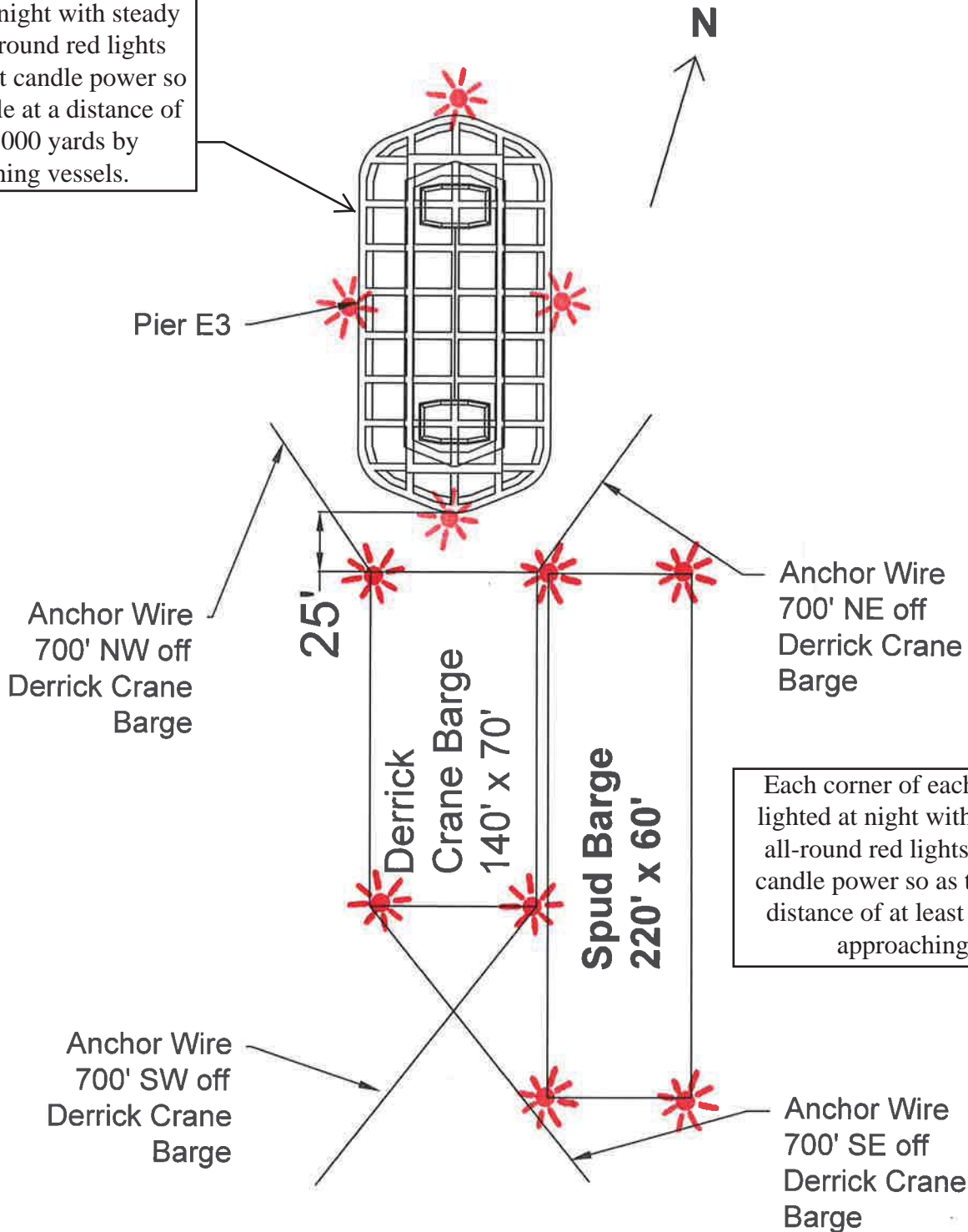


ENCLOSURE ()

**Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan**

Fender Removal

The exposed pier structure shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

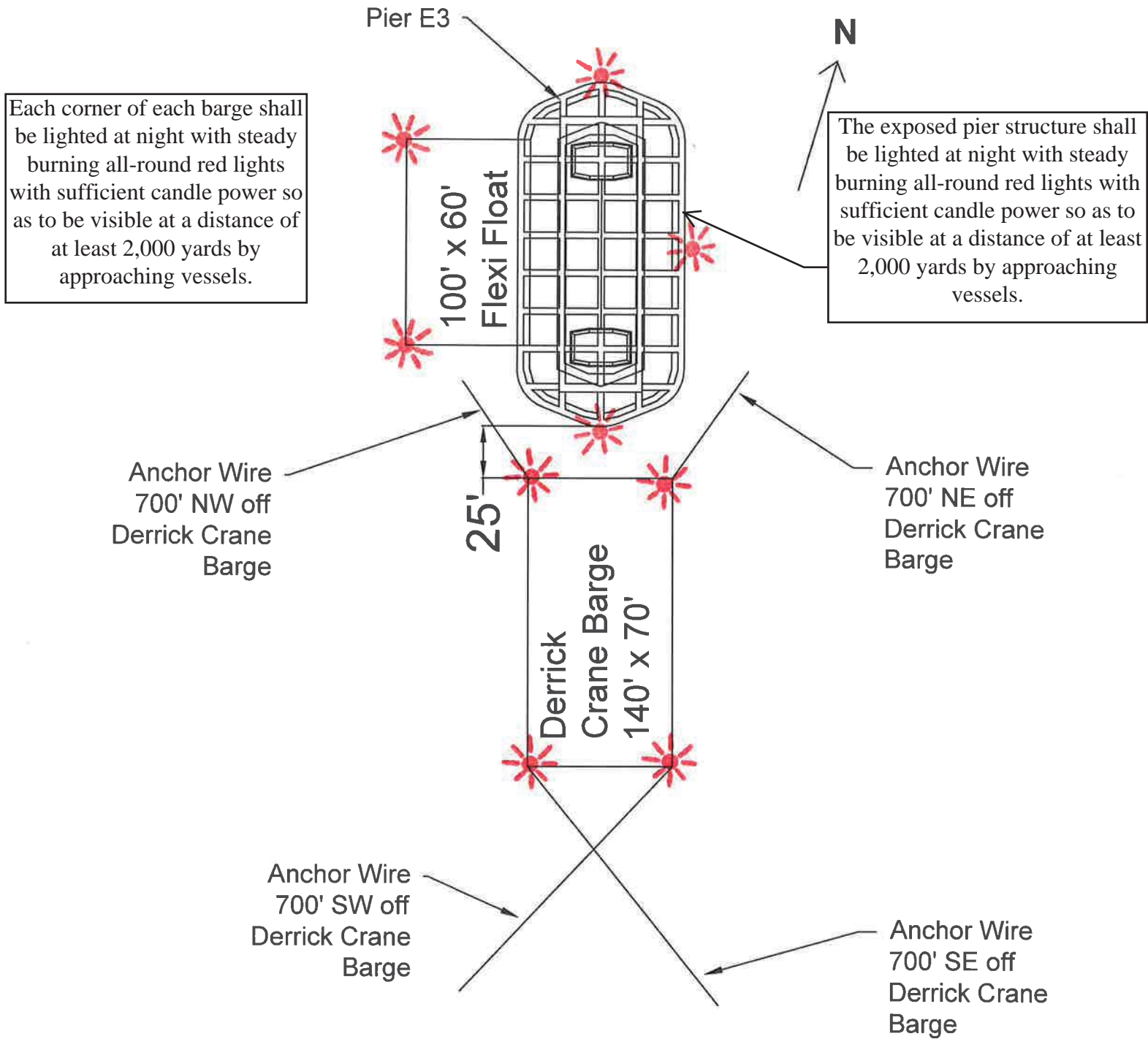


Each corner of each barge shall be lighted at night with steady burning all-round red lights with sufficient candle power so as to be visible at a distance of at least 2,000 yards by approaching vessels.

ENCLOSURE ()

Eastern Span SFOBB
Pier "H" (E-3)
Lighting Plan

Curtain Demo



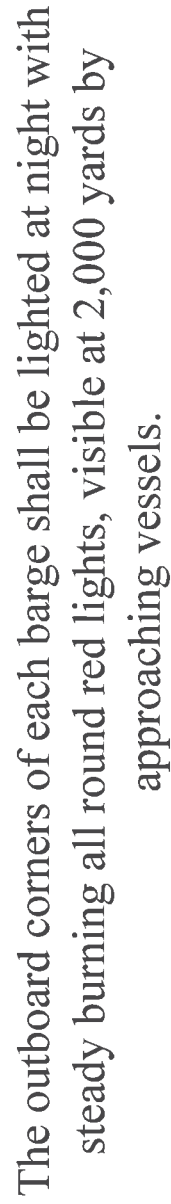
ENCLOSURE ()

Collection **N**atic

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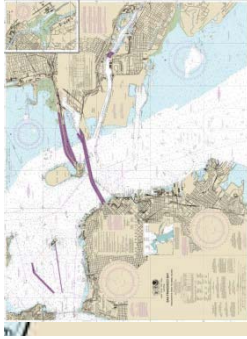
William Hays
PLASTERED LIVING ENGINEER

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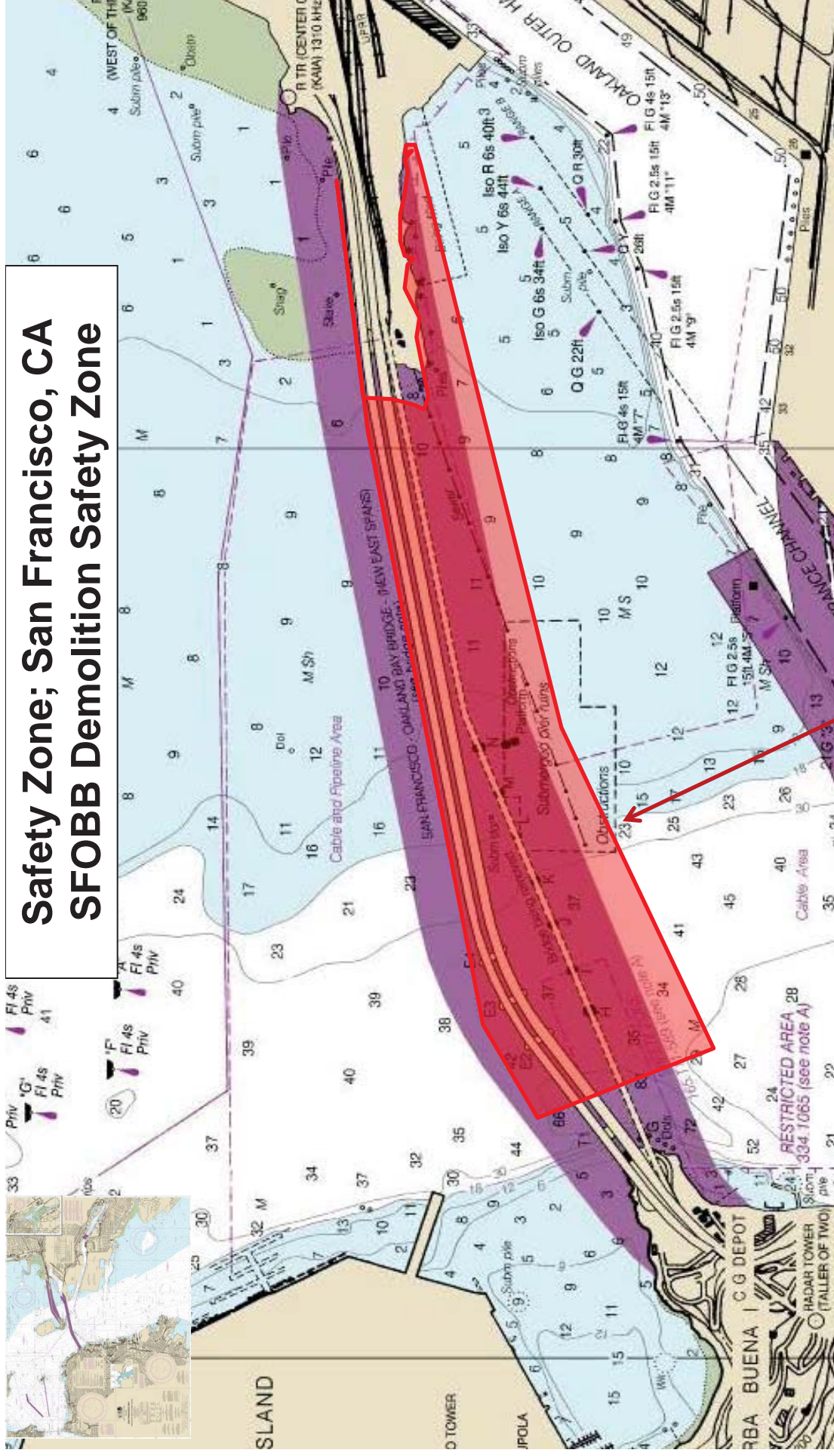


NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROL
BEFORE ORDERING OR FABRICATING ANY MATERIAL

[illegible]



Safety Zone; San Francisco, CA SFOBB Demolition Safety Zone



South Border:1000 feet south of the old SFOBB extending to Oakland shore line,

West Border:500 feet west of Pier H,

North Border west of Pier H: 250 feet north of new SFOBB extending Pier H,

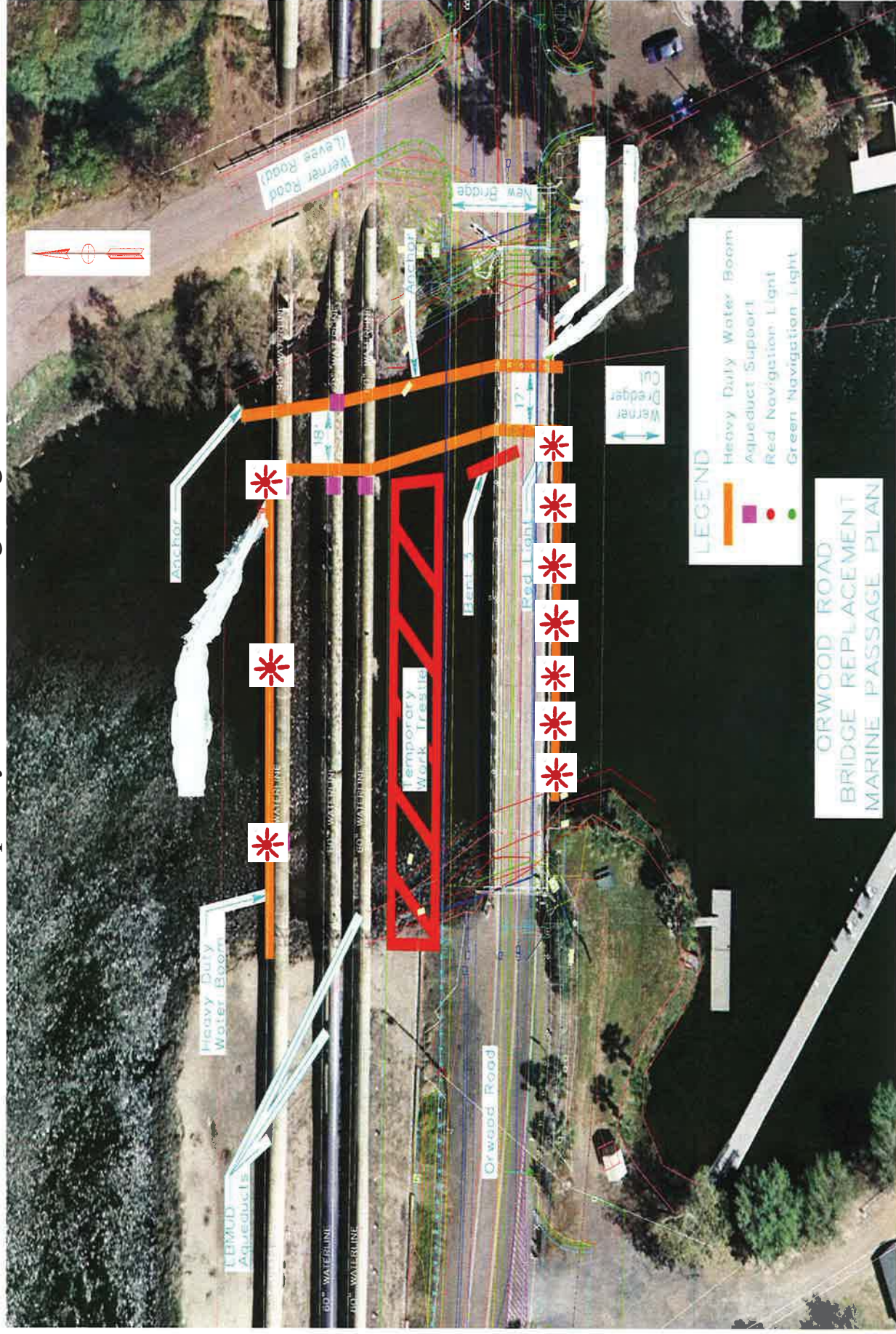
North Border east of Pier H:100 feet north of new SFOBB extending to Oakland shore line

21 August 2015 – 31 December 2017

NOAA Chart 18650

DLE

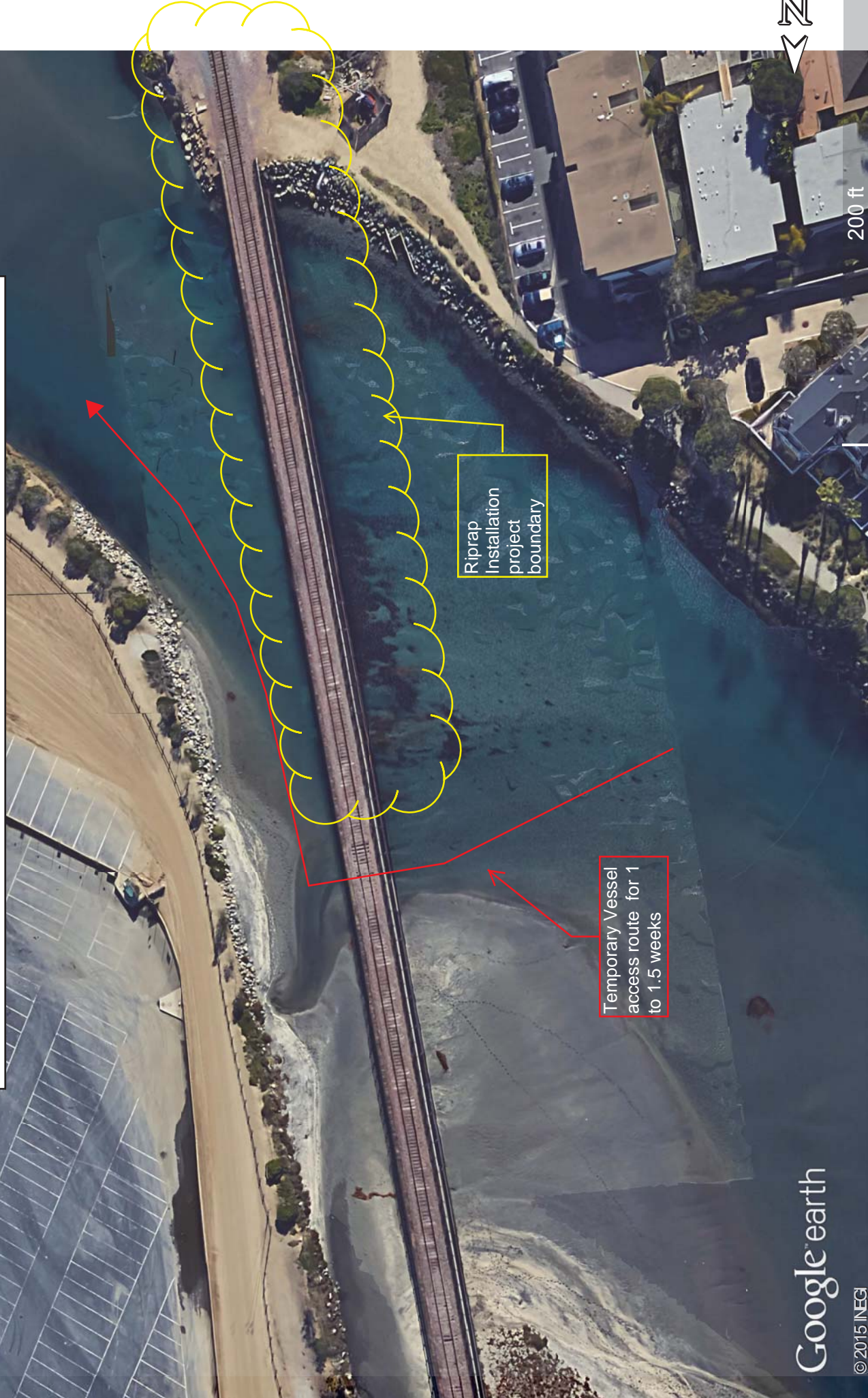
Orwood Bridge Replacement Project Mile 1.5, Werner Cut. Temporary Trestle and Lighting Plan



The temporary trestle will be placed between the existing Orwood Bridge and the EBMUD pipelines. A temporary boom will surround the entire project area leaving mariners with 17 feet of horizontal clearance at the eastern bank of Werner Cut. The in-water piers on the upstream pipeline and downstream existing Orwood Bridge will be lit at night with steady burning red lights.

North County Transit District Railroad Bridge San Diegoito River, Mile 0.18

Area for Vessel Transit During Maintenance Work



North County Transit District Railroad Bridge San Diego River, Mile 0.18

Area for Vessel Transit During Maintenance Work

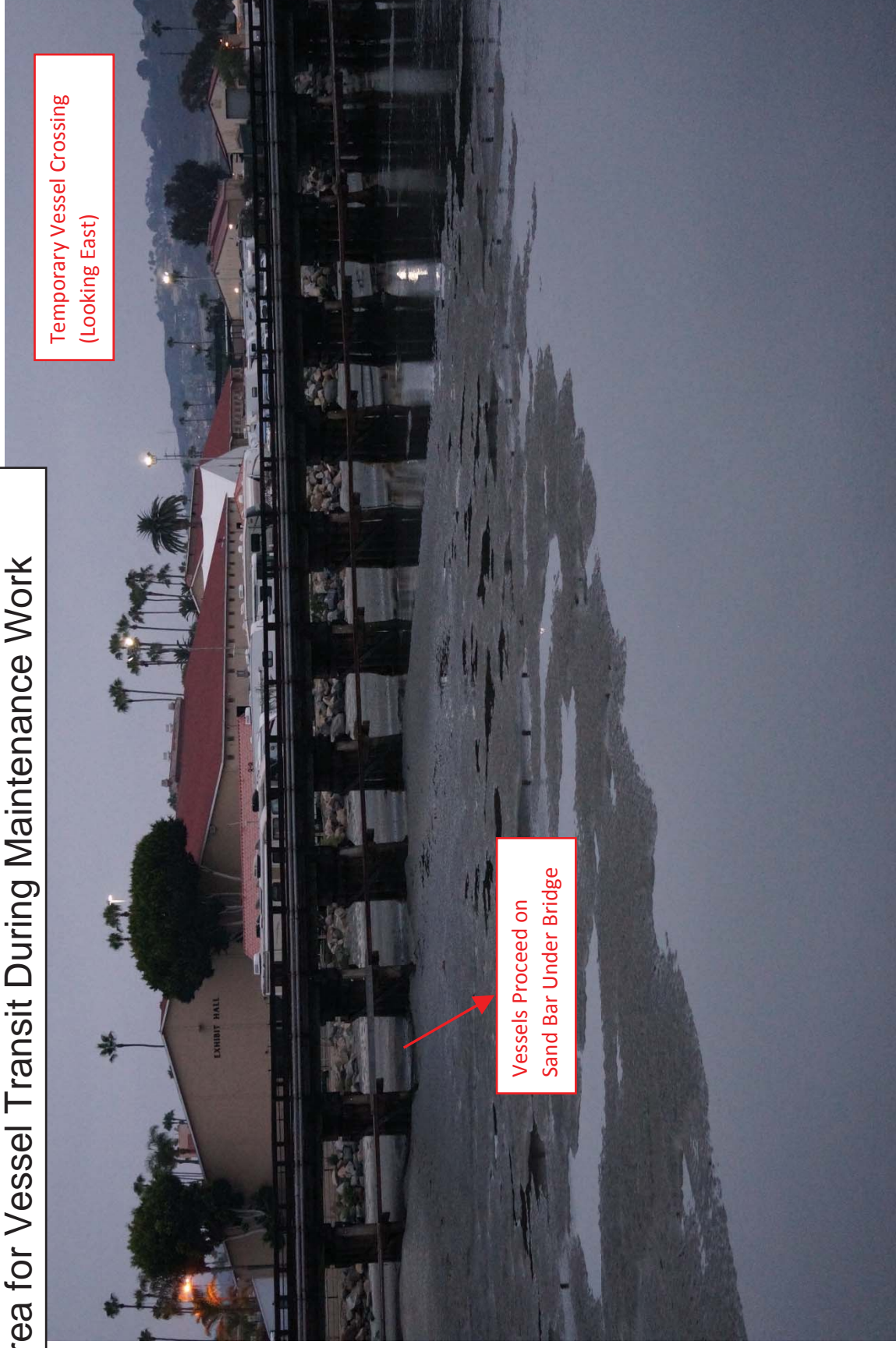


Temporary Vessel Crossing
(Looking Northwest)

Vessels Proceed on
Sand Bar Under Bridge

North County Transit District Railroad Bridge San Diego River, Mile 0.18

Area for Vessel Transit During Maintenance Work

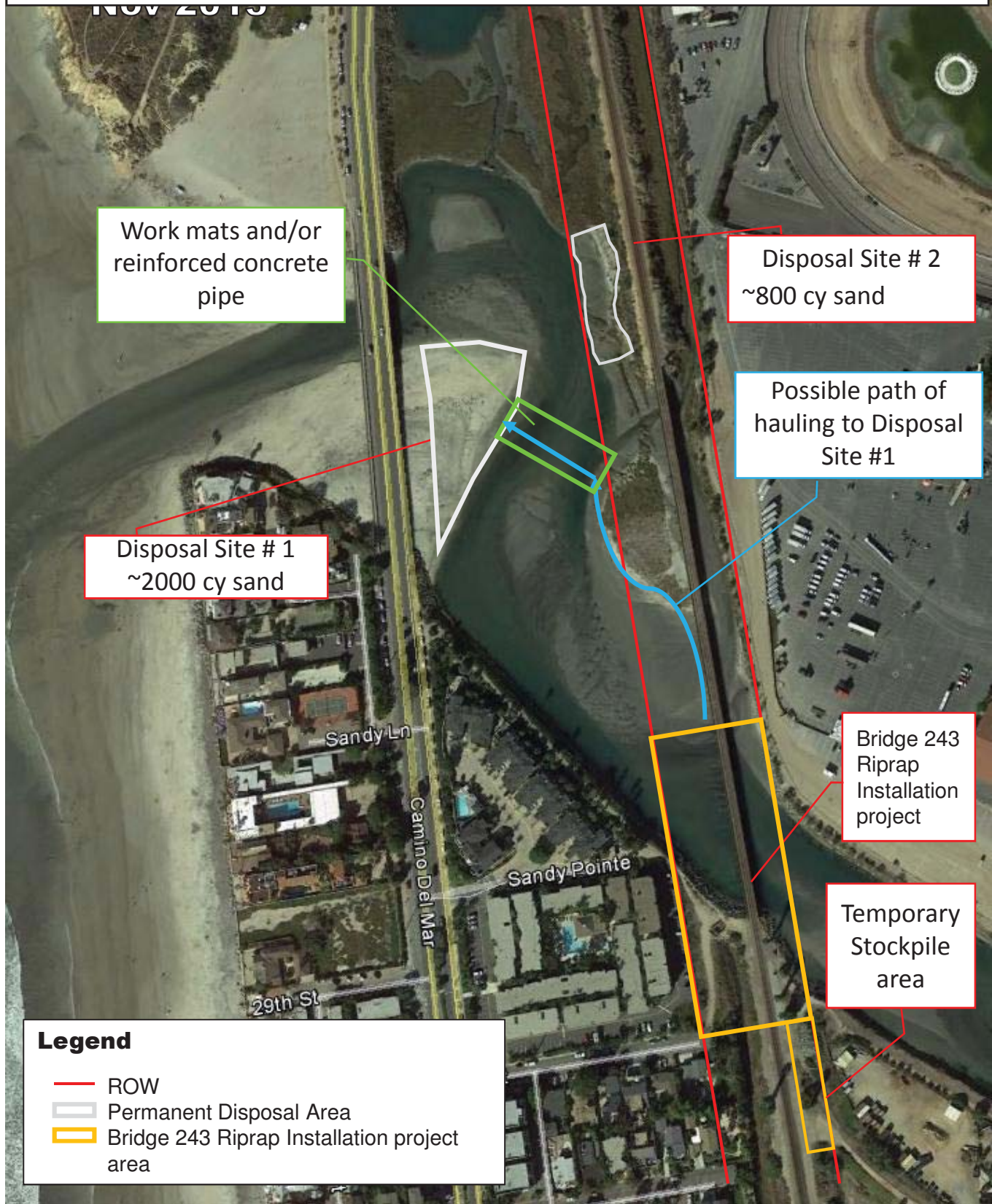


Temporary Vessel Crossing
(Looking East)

Vessels Proceed on
Sand Bar Under Bridge

North County Transit District Railroad Bridge San Dieguito River, Mile 0.18

Temporary Impacts to Navigation During Work



MARINE SAFETY/SECURITY
INFORMATION BULLETIN (MSIB) 15-07



Coast Guard Sector San Francisco
Department of Homeland Security



Safety Alert:

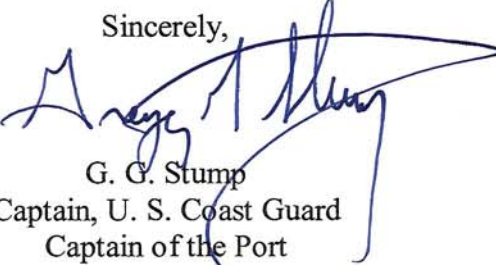
Commercial Fishing Vessel "Work-Lights" Create Potential Night Time Navigation Hazard

Mariners directing the movement of large ships in or near the offshore approaches to San Francisco Bay have indicated to the Coast Guard that the high-intensity "work-lights" used by commercial fishing vessels prevent vessel operators from seeing the commercial fishing vessel's navigation lights at night and in low visibility conditions.

A clear and present threat to navigation safety exists when one vessel cannot see the navigation lights of another vessel. If navigation lights are obscured, the aspect of the latter vessel cannot be determined making it extremely difficult for both vessels to successfully execute the nautical rules of the road. International Navigation Rule 20 states that no other lights that may impair the visibility of the lights specified in the Rules shall be displayed from sunrise to sunset and during periods of low visibility. Vessels found to be in violation of Rule 20 may be subject to a \$6,500 fine.

All vessels operating near the San Francisco Bay inbound or outbound off-shore traffic lanes are required to comply with the Navigation Rules as they pertain to navigation lights. Vessels are also encouraged to maintain an active listening watch on VHF/FM Channels 13 and 16 and, when the intentions of another vessel are unclear, communicate to make arrangements to reduce the risk of collision.

Sincerely,


G. G. Stump
Captain, U. S. Coast Guard
Captain of the Port

INLAND Rule 24, (h), read:

In § 83.24(h), after the text “to indicate the presence of”, remove the text “the unlighted” and replace it with “such.”

(USCG)

39/15

COLREGS DEMARCATION LINES

33 CFR 80, §80.502 Toms River, NJ to Cape May, NJ.

(a) A line drawn from the seaward tangent of Long Beach Island to the seaward tangent to Pullen Island across Beach Haven and Little Egg Inlets, thence across Brigantine Inlet to Brigantine Island.

(b) A line drawn from the seaward extremity of Absecon Inlet.

(c) A line drawn parallel with the general trend of highwater shoreline from the southernmost point of Longport at latitude 39°17.6' N., longitude 74°33.1' W. across Great Egg Harbor Inlet.

(d) A line drawn parallel with the general trend of highwater shoreline across Corson Inlet.

(e) A line formed by the centerline of the Townsend Inlet Highway Bridge.

(f) A line formed by the shoreline of Seven Mile Beach to 39°00'23.757" N., 074°47'28.017" W. (Hereford Inlet Light).

(g) A line drawn across the seaward extremity of Cape May Inlet.

(USCG)

39/15

COLREGS DEMARCATION LINES

33 CFR 80, §80.748

In § 80.748(f), remove the text “shoreland” and add, in its place, the text “shoreline.”

(USCG)

39/15

INTERNATIONAL INTERPRETIVE RULES 33 CFR 82, §82.5; read:

A vessel at anchor includes a barge made fast to one or more mooring buoys or other similar device attached to the ocean floor. Such vessels may be lighted as a vessel at anchor in accordance with Rule 30, or may be lighted on the corners in accordance with 33 CFR 83.30 (h) through (l).

(USCG)

39/15

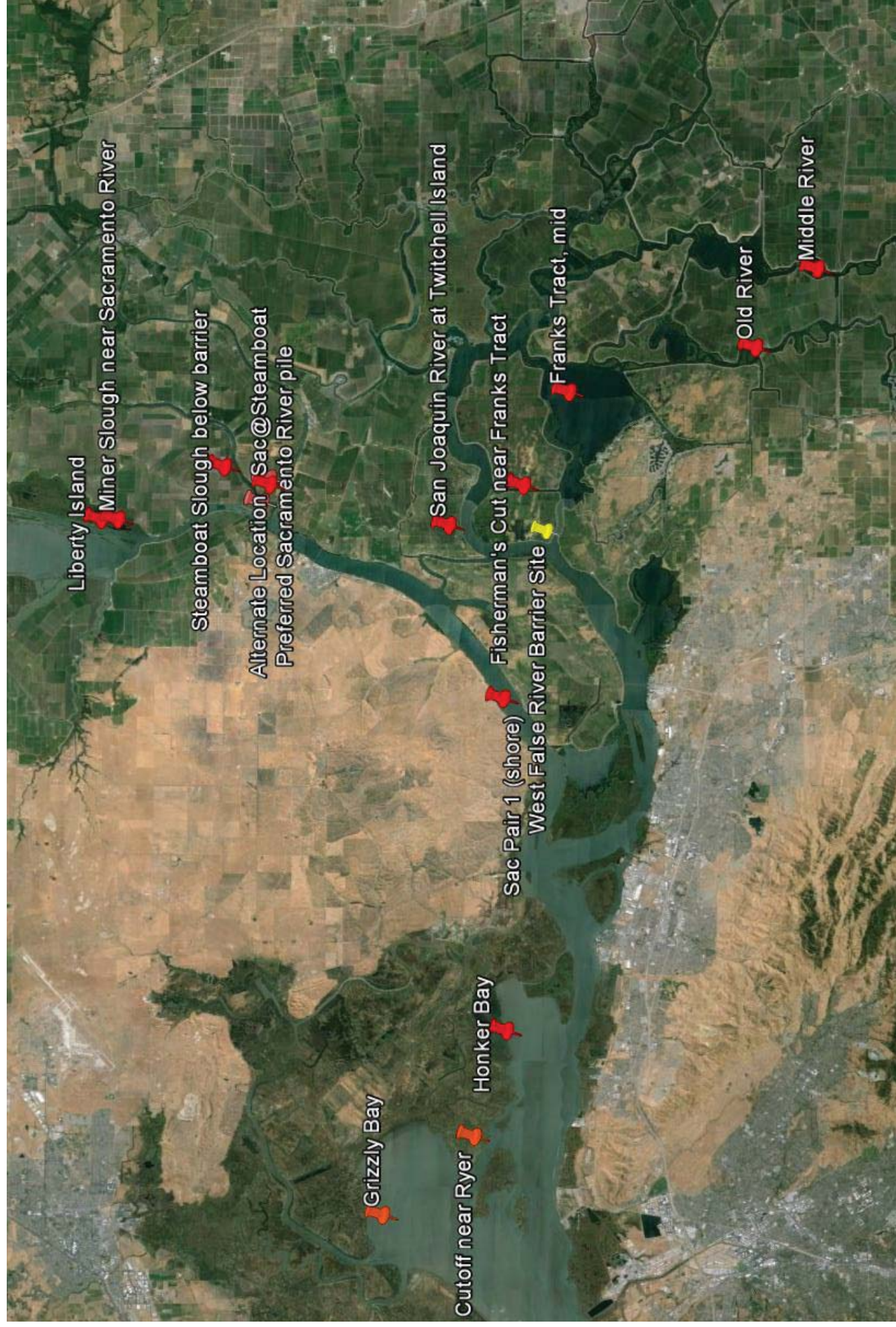


Exhibit 1, Proposed Locations of the Science Monitoring Piles for Water Quality and Water Level Upstream and Downstream of West False River

Table for the locations of the piles

Priority	Station Name	Latitude	Longitude
1	Fisherman's Cut near Franks Tract	38.0656	-121.6479
1	Frank's Tract, mid tract	38.046417	-121.5981
1	Steamboat Slough below barrier	38.191267	-121.637881
1	Sacramento @Steamboat	38.172167	-121.64735
2	San Joaquin River at Twitchell Island	38.0969	-121.6691
2	Miner Slough near Sacramento River	38.236029	-121.666072
2	Liberty Island	38.243006	-121.684267
2	Sac Pair 1 (shore)**	38.074147	-121.761742
2	Old River	37.967951	-121.57443
2	Middle River	37.941951	-121.532427
2	Cutoff near Ryer*	38.085783	-121.995833
2	Grizzly Bay*	38.12425	-122.038117
2	Honker Bay	38.0724	-121.9392
	preferred Sacramento River pile	38.17548	-121.656863
	Alternate location	38.172458	-121.644087

*One site or the other not both of these

**This location may move slightly, this is as close as we can get for now

Navigational Aid Anchorage Pile Locations at the Barrier Site



Exhibit 2, Location of piles anchoring the float lines and the alignment of the West False River Emergency Drought Barrier



Exhibit 3, Shows a typical Installation of a 12-inch Diameter Pile with Monitoring Equipment Mounted.